

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Wednesday, March 05, 2014 10:24
To: USS THEODORE ROOSEVELT; Kabba, Alhaji M. LSC
Cc: Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Armacost, Andrew H CIV MSC, N46; He, Marianne C CIV NSWCCD Philadelphia, 6350
Subject: USS THEODORE ROOSEVELT: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4985 & 4986 (FINAL ANSWER)

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772

To: Commander, USS Theodore Roosevelt (CVN-71)

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR's)

Attn: LSC Alhaji M. Kabba

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4985) DISINFECTANT, GENERAL PURPOSE, (Part# 1454995, LOD-NEUTRAL 32), NSN: 7930-01-506-3522
(d) (SFR #4986) CLEANING COMPOUND, SOLVENT, (Part# 60605085), NSN: 7930-01-506-6323
(e) (SFR #4987) CLEANER INDUSTRIAL, MULTI PURPOSE, (Part# 127745 GOLDEN GUSTO CLEANER), NSN: 7930-01-508-2114
(f) (SFR #4988) CLEANING COMPOUND, SOLVENT DETERGENT, (Part# 127655 H2 ORANGE IT ALL), NSN: 7930-01-508-2127
(g) (SFR #4989) REMOVER, FLOOR POLISH, (Part# 179545 VAC-UP STRIPPER), NSN: 7930-01-508-3713
(h) POC for the USS Theodore Roosevelt (CVN-71): LSC Alhaji M. Kabba
(i) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) through (g) SFR's from ref (h). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (i). The following information provides the current status of your SFR's.

2. Concerning ref (c) and (d) SFR's #4985 & 4986 per ref (i):

Mike,

USS Theodore Roosevelt (CVN 71)

SFR #4985: The SFR requested material (NSN: 7930-01-506-3522; Disinfectant, General Purpose) is needed in the self-serve cleaning dispensing systems installed onboard. This cleaner is currently approved in the Cleaning Catalog. Therefore, the requested material should be listed on the Master SHML and CVN T-SHML with AOB A and MMI N.

SFR #4986: The SFR requested material (NSN: 7930-01-506-6323; Cleaning Compound, Solvent) is needed in the self-serve cleaning dispensing systems installed onboard. This cleaner is currently approved in the Cleaning Catalog. Therefore, the requested material should be listed on the Master SHML and CVN T-SHML with AOB A and MMI N.

Respectfully,
Marianne

Marianne C. He
Environmental Engineer
NAVSEA Warfare Center Code 635
Hazardous Materials Control and Management
215-897-7693
marianne.he@navy.mil

Therefore, SFR# 4985 and 4986 NSN's ARE APPROVED FOR USE and will be updated in the Master SHML and the CV/CVN T-SHML with an AOB code of "A" (AUTHORIZED FOR SHIPBOARD USE).

3. Concerning ref (e) through (g) SFR's 4987-4989:

These SFR's are still under engineering review by ref (i) at NSWCCD. When the engineering review is complete all POC's will be notified of the review results.

4. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

Celona, Michael J CIV NAVSUP WSS, M077

From: He, Marianne C CIV NSWCCD Philadelphia, 6350
Sent: Monday, March 03, 2014 9:47
To: Celona, Michael J CIV NAVSUP WSS, M077
Cc: Shull, Karen E CIV NSWCCD Philadelphia, Code 635; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350
Subject: SFR #4985 and #4986

Mike,

USS Theodore Roosevelt (CVN 71)

good A
SFR #4985: The SFR requested material (NSN: 7930-01-506-3522; Disinfectant, General Purpose) is needed in the self-serve cleaning dispensing systems installed onboard. This cleaner is currently approved in the Cleaning Catalog. Therefore, the requested material should be listed on the Master SHML and CVN T-SHML with AOB A and MMI N.

good A
SFR #4986: The SFR requested material (NSN: 7930-01-506-6323; Cleaning Compound, Solvent) is needed in the self-serve cleaning dispensing systems installed onboard. This cleaner is currently approved in the Cleaning Catalog. Therefore, the requested material should be listed on the Master SHML and CVN T-SHML with AOB A and MMI N.

Respectfully,

Marianne

Marianne C. He
Environmental Engineer
NAVSEA Warfare Center Code 635
Hazardous Materials Control and Management
215-897-7693
marianne.he@navy.mil

ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319. DSN: 430-8319

FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 2/27/2014 FPO#: AE09599 - 2871 UIC#: 21247 TYCOM: SURFLANT

TO CODE:

**RELEASE
DATE:**

INITIALS

**SUBJECT: SHIP HAZARDOUS MATERIAL LIST
(SHML FEEDBACK REPORT (SFR))**

SFR # 4985

ATTACHED
FROM (SHIP): USS THEODORE ROOSEVELT (CVN-71)

PRODUCT NAME: DISINFECTANT, GENERAL PURPOSE

DATE ON SFR: 2/19/2014

NAVICP-M

2/28/2014

MC

NSN/NIIN: 7930-01-506-3522 CAGE: 61781

NSWCCD

PART NUMBER/DRAWING/SPECIFICATION:
1454995. LOD-NEUTRAL 32

ISEA

SHML STATUS: (NIS=Not in SHML; A=Authorized;
P= Prohibited; R=Restricted;
O=Obsolete; N=Not Determined)

MSDS NUMBER: (NIH=Not In HMIRS)
CTDVP

MIP: NONE

MRC: NONE

LCM/ISEA

MIP/MRC: NONE

APL: NONE

AEL: NONE

NAVICP-M

APL/AEL: NONE

TECHNICAL MANUAL: NONE

AIRCRAFT APPLICATIONS: NO

RELATED SFR's: NONE

NOTES: 5/T6/A 15 GALLON KEG (CONTAINER).
PH: 7.5-8.0

RECEIVED
FEB 27 2014
BY: SFR 4985

AE09599-2871

Current Date: 02/19/14

SHIP'S HAZARDOUS MATERIALS LIST (SHML)
FEEDBACK REPORT (SFR)

(P)
NIT

This form needs to be completed if the Hazardous Material
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS THEODORE ROOSEVELT

HULL NUMBER: CVN-71

TYCOM: COMNAVAIRFOR
CHOOSE ONE

UIC: V21247

Serial Number: 0010

AIRCRAFT RELATED: ☐ Yes ☒ No

I. JUSTIFICATION

(To include equipment/application this material is to be used on):

Respectfully request item be approved and added to USS THEODORE ROOSEVELT CVN-71 Ship's Hazardous Material List (SHML). Material is a non-regulated HAZMAT required for the ship's 24 hours self-serve cleaning dispensing station. The 24 hour dispensing station is cost effective and provides all-in-one central location managed by HAZMAT Division. Cleaner and disinfectant. Controls mold and mildew.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

II. TECHNICAL DATA

MAINTENANCE INDEX PAGE (MIP) #: N/A

MAINTENANCE REQUIREMENT CARD (MRC #: N/A

APL OR AEL: N/A

TECH MANUAL: N/A

REV. N/A ESTIMATED YEARLY REQUIREMENT: 20

III. MANUFACTURER DATA

(If requested NSN is provided proceed to section IV)

9B NSN: 7930 - 01 - 506 - 3522

PH 7.5-8.0

Page 61781

MANUFACTURER: BIRSCH INDUSTRIES, INC.

PHONE: 757 - 622 - 0355

ITEM OR TRADE NAME: GENERAL PURPOSE CLEANER (DISINFECTANT, GENERAL PURPOSE)

PART NUMBER OR SPECIFICATION: ~~N/A~~ 1454995, LOD-NEUTRAL 32

UNIT OF ISSUE: CN CO

UNIT OF MEASURE: ~~15.000~~ 15 GL KEG

CTDVP
5/76/A

IV. ENDORSEMENTS

REQUESTORS NAME: ALHAJI M. KABBA

RANK: CPO

EMAIL: ALHAJI.KABBA@CVN71.NAVY.MIL

DATE PREPARED: 19FEB14

COMMANDER OR DESIGNEE NAME: MARK J. RUNSTROM

RANK: CDR

EMAIL: MARK.RUNSTROM@CVN71.NAVY.MIL

DATE: 19FEB14

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point
P.O. Box 2020, Code M0772.22
5450 Carlisle Pike, Mechanicsburg PA 17055-0788
Fax: DSN 430-3480 or COM 717-605-3480
Email: wraps.prime.fct@navy.mil

ORIGINATOR: NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
REC'D AT NAVICP: 2/27/2014 FPO#: AE09599 - 2871 UIC#: 21247 TYCOM: SURFLANT			
TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR)) SFR # 4986 ATTACHED FROM (SHIP): USS THEODORE ROOSEVELT (CVN-71) PRODUCT NAME: CLEANING COMPOUND, SOLVENT DATE ON SFR: 2/19/2014
NAVICP-M	2/28/2014	MC	NSN/NIIN: 7930-01-506-6323 CAGE: 61781 PART NUMBER/DRAWING/SPECIFICATION: 60605085
NSWCCD			
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) P
			MSDS NUMBER: (NIH=Not In HMIRS) CVGHF
			MIP: NONE MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: 5/T6/H 15 GALLON KEG (CONTAINER). PH: 11.8

Current Date: 02/19/14

RECEIVED
FEB 27 2014
BY: SFR 4986

**SHIP'S HAZARDOUS MATERIALS LIST (SHML)
FEEDBACK REPORT (SFR)**

(P)
NIT

*This form needs to be completed if the Hazardous Material
that you want to purchase is not authorized on your T-SHML*

SHIP NAME: USS THEODORE ROOSEVELT HULL NUMBER: CVN-71 TYCOM: COMNAVAIRFOR
CHOOSE ONE
UIC: V21247 Serial Number: 0009 AIRCRAFT RELATED: ☐ Yes ☒ No

I. JUSTIFICATION (To include equipment/application this material is to be used on):
Respectfully request item be approved and added to USS THEODORE ROOSEVELT CVN-71 Ship's Hazardous Material List (SHML). Material is a non-regulated HAZMAT required for the ship's 24 hours self-serve cleaning dispensing station. The 24 hour dispensing station is cost effective and provides all-in-one central location managed by HAZMAT Division. Heavy duty degreaser, it unlocks old & new oil, dirt, grime, greases, waxes & sealers. Excellent flight deck cleaner.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

II. TECHNICAL DATA

MAINTENANCE INDEX PAGE (MIP) #: N/A

MAINTENANCE REQUIREMENT CARD (MRC #: N/A

APL OR AEL: N/A

TECH MANUAL: N/A

REV. N/A ESTIMATED YEARLY REQUIREMENT: 20

III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

93 NSN: 7930 - 01 - 506 - 6323

PH 11-8

Cage 61781

MANUFACTURER: BIRSCH INDUSTRIES, INC.

PHONE: 757 - 622 - 0355

ITEM OR TRADE NAME: DEGREASER CLEANING COMPOUND, SOLVENT

PART NUMBER OR SPECIFICATION: N/A 60605085

UNIT OF ISSUE: CN CO

UNIT OF MEASURE: 15.000

15 GL KEG

CVGHF

IV. ENDORSEMENTS

REQUESTORS NAME: ALHAJI M. KABBA

RANK: CPO

EMAIL: ALHAJI.KABBA@CVN71.NAVY.MIL

DATE PREPARED: 19FEB14

COMMANDER OR DESIGNEE NAME: MARK J. RUNSTROM

RANK: CDR

EMAIL: MARK.RUNSTROM@CVN71.NAVY.MIL

DATE: 19FEB14

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point
P.O. Box 2020, Code M0772.22
5450 Carlisle Pike, Mechanicsburg PA 17055-0788
Fax: DSN 430-3480 or COM 717-605-3480
Email: wraps.prime.fct@navy.mil

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Friday, February 28, 2014 7:58
To: He, Marianne C CIV NSWCCD Philadelphia, 6350
Cc: USS THEODORE ROOSEVELT; Kabba, Alhaji M. LSC; Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077
Subject: USS THEODORE ROOSEVELT: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4985-~~4989~~ *SFR 4985 & 4986*

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772
To: Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR's)

Attn: Marianne He

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4985) DISINFECTANT, GENERAL PURPOSE, (Part# 1454995, LOD-NEUTRAL 32), NSN: 7930-01-506-3522
(d) (SFR #4986) CLEANING COMPOUND, SOLVENT, (Part# 60605085), NSN: 7930-01-506-6323
(e) (SFR #4987) CLEANER INDUSTRIAL, MULTI PURPOSE, (Part# 127745 GOLDEN GUSTO CLEANER), NSN: 7930-01-508-2114
(f) (SFR #4988) CLEANING COMPOUND, SOLVENT DETERGENT, (Part# 127655 H2 ORANGE IT ALL), NSN: 7930-01-508-2127
(g) (SFR #4989) REMOVER, FLOOR POLISH, (Part# 179545 VAC-UP STRIPPER), NSN: 7930-01-508-3713
(h) POC for the USS Theodore Roosevelt (CVN-71): LSC Alhaji M. Kabba
(i) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) through (g) SFR's from ref (h). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (i). The following information provides the current status of your SFR's.

Ref (b) has forwarded your SFR to ref (i) for further review and analysis. Upon ref (i) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (i) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE
PHILADELPHIA PA 19111-5098

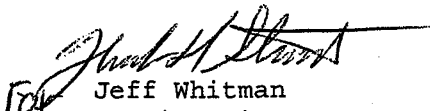
5450 CARLISLE PIKE - PO BOX 2020
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319
DSN & EXT 430-8319
FAX # 717-605-3480
IN REPLY REFER TO:
4030
Ser 0772/033
27 February 2014

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),
Pa., Code M0772
To: Commanding Officer, Naval Surface Warfare Center, Carderock
Division-Ship Systems Engineering Station (NSWCCD-SSSES),
Code 635
Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML) FEEDBACK
REPORT/S (SFR's)

Encl: (1) SHML SFR's (SFR# 4985-4989)

1. Enclosure (1) contains a packet of five (5) SFR's (SFR# 4985-4989) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.


For Jeff Whitman
By Direction

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Thursday, March 27, 2014 15:35
To: USS THEODORE ROOSEVELT; Kabba, Alhaji M. LSC
Cc: Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Armacost, Andrew H CIV MSC, N46; He, Marianne C CIV NSWCCD Philadelphia, 6350
Subject: USS THEODORE ROOSEVELT: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4987-4989 (FINAL ANSWER)

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772
To: Commander, USS Theodore Roosevelt (CVN-71)

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR's)

Attn: LSC Alhaji M. Kabba

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4987) CLEANER INDUSTRIAL, MULTI PURPOSE, (Part# 127745 GOLDEN GUSTO CLEANER), NSN: 7930-01-508-2114
(d) (SFR #4988) CLEANING COMPOUND, SOLVENT DETERGENT, (Part# 127655 H2 ORANGE IT ALL), NSN: 7930-01-508-2127
(e) (SFR #4989) REMOVER, FLOOR POLISH, (Part# 179545 VAC-UP STRIPPER), NSN: 7930-01-508-3713
(f) POC for the USS Theodore Roosevelt (CVN-71): LSC Alhaji M. Kabba
(g) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) through (e) SFR's from ref (f). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (g). The following information provides the current status of your SFR's.

2. Concerning ref (c) through (e) SFR's #4987-4989 per ref (g):

Mike,

USS Theodore Roosevelt (CVN 71)

SFR #4987: The SFR requested material (NSN: 7930-01-508-2114; Cleaner Industrial, Multi-Purpose) is used in the self-serve cleaning dispensing systems installed onboard and has previously been authorized in the Authorized Chemical Cleaning Products and Dispensing Systems Catalog (S6480-A4-CAT-010). GSA shows the NSN as active and has added the Navy MOE rule to the NSN which updated the AAC for the Navy from V to J. Therefore, the requested material should be updated from AOB 'O' to AOB 'A' on the Master SHML and CVN T-SHML. Ship's Force should note that this material most likely became obsolete because there was no procurement through the Navy supply system. In order to prevent needed materials from becoming obsolete, those materials should be procured through the Navy supply system, not through open purchase, Navy Exchange, or direct from the manufacturer/GSA, etc.

SFR #4988: The SFR requested material (NSN: 7930-01-508-2127; Cleaning Compound, Solvent Detergent) is used in the self-serve cleaning dispensing systems installed onboard and has previously been authorized in the Authorized Chemical Cleaning Products and Dispensing Systems Catalog (S6480-A4-CAT-010). GSA shows the NSN as active and has added the Navy MOE rule to the NSN which updated the AAC for the Navy from V to J. Therefore, the requested material should be updated from AOB 'O' to AOB 'A' on the Master SHML and CVN T-SHML. Ship's Force should note that this material most likely became obsolete because there was no procurement through the Navy supply system. In order to prevent needed materials from becoming obsolete, those materials should be procured through the Navy supply system, not through open purchase, Navy Exchange, or direct from the manufacturer/GSA, etc.

SFR #4989: The SFR requested material (NSN: 7930-01-508-3713; Remover, Floor Polish) is used in the self-serve cleaning dispensing systems installed onboard and has previously been authorized in the Authorized Chemical Cleaning Products and Dispensing Systems Catalog (S6480-A4-CAT-010). GSA shows the NSN as active and has added the Navy MOE rule to the NSN which updated the AAC for the Navy from V to J. Therefore, the requested material should be updated from AOB 'O' to AOB 'A' on the Master SHML and CVN T-SHML. Ship's Force should note that this material most likely became obsolete because there was no procurement through the Navy supply system. In order to prevent needed materials from becoming obsolete, those materials should be procured through the Navy supply system, not through open purchase, Navy Exchange, or direct from the manufacturer/GSA, etc.

Respectfully,
Marianne

Marianne C. He
Environmental Engineer
NAVSEA Warfare Center Code 635
Hazardous Materials Control and Management
215-897-7693
marianne.he@navy.mil

Therefore, NSN: 7930-01-508-2114, 7930-01-508-2127 & 7930-01-508-3713 IS APPROVED FOR USE and has been updated in the Master SHML and the CV/CVN T-SHML with an AOB code of "A" (AUTHORIZED FOR SHIPBOARD USE).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

Celona, Michael J CIV NAVSUP WSS, M077

From: He, Marianne C CIV NSWCCD Philadelphia, 6350
Sent: Thursday, March 27, 2014 10:17
To: Celona, Michael J CIV NAVSUP WSS, M077
Cc: Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Shull, Karen E CIV NSWCCD Philadelphia, Code 635
Subject: SFRs #4987-#4989
Signed By: MARIANNE.HE@NAVY.MIL

Mike,

USS Theodore Roosevelt (CVN 71)

SFR #4987: The SFR requested material (NSN: 7930-01-508-2114; Cleaner Industrial, Multi-Purpose) is used in the self-serve cleaning dispensing systems installed onboard and has previously been authorized in the Authorized Chemical Cleaning Products and Dispensing Systems Catalog (S6480-A4-CAT-010). GSA shows the NSN as active and has added the Navy MOE rule to the NSN which updated the AAC for the Navy from V to J. Therefore, the requested material should be updated from AOB 'O' to AOB 'A' on the Master SHML and CVN T-SHML. Ship's Force should note that this material most likely became obsolete because there was no procurement through the Navy supply system. In order to prevent needed materials from becoming obsolete, those materials should be procured through the Navy supply system, not through open purchase, Navy Exchange, or direct from the manufacturer/GSA, etc.

AO/AS/CC/CV/DG/FG/LH/LP/MC/DK/MS — good A CV/OT 5/16/A 9Q
SFR #4988: The SFR requested material (NSN: 7930-01-508-2127; Cleaning Compound, Solvent Detergent) is used in the self-serve cleaning dispensing systems installed onboard and has previously been authorized in the Authorized Chemical Cleaning Products and Dispensing Systems Catalog (S6480-A4-CAT-010). GSA shows the NSN as active and has added the Navy MOE rule to the NSN which updated the AAC for the Navy from V to J. Therefore, the requested material should be updated from AOB 'O' to AOB 'A' on the Master SHML and CVN T-SHML. Ship's Force should note that this material most likely became obsolete because there was no procurement through the Navy supply system. In order to prevent needed materials from becoming obsolete, those materials should be procured through the Navy supply system, not through open purchase, Navy Exchange, or direct from the manufacturer/GSA, etc.

AO/AS/CC/CV/DG/FG/LH/LP/MC/DK/MS — good A CV/OT V/C3/H 9Q
SFR #4989: The SFR requested material (NSN: 7930-01-508-3713; Remover, Floor Polish) is used in the self-serve cleaning dispensing systems installed onboard and has previously been authorized in the Authorized Chemical Cleaning Products and Dispensing Systems Catalog (S6480-A4-CAT-010). GSA shows the NSN as active and has added the Navy MOE rule to the NSN which updated the AAC for the Navy from V to J. Therefore, the requested material should be updated from AOB 'O' to AOB 'A' on the Master SHML and CVN T-SHML. Ship's Force should note that this material most likely became obsolete because there was no procurement through the Navy supply system. In order to prevent needed materials from becoming obsolete, those materials should be procured through the Navy supply system, not through open purchase, Navy Exchange, or direct from the manufacturer/GSA, etc.

Respectfully,
Marianne

Marianne C. He
Environmental Engineer
NAVSEA Warfare Center Code 635
Hazardous Materials Control and Management
215-897-7693
marianne.he@navy.mil

ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 2/27/2014 FPO#: AE09599 - 2871 UIC#: 21247 TYCOM: SURFLANT

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR)) SFR # 4987 ATTACHED FROM (SHIP): USS THEODORE ROOSEVELT (CVN-71) PRODUCT NAME: CLEANER INDUSTRIAL, MULTI PURPOSE DATE ON SFR: 2/19/2014 <i>5/T6/A</i>
NAVICP-M	2/28/2014	MC	NSN/NIIN: 7930-01-508-2114 CAGE: 61781
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 127745 GOLDEN GUSTO CLEANER
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) O
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: NONE
			MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: 5/T6/A 15 GALLON <i>BARREL (BL)</i> PH: 9.5-10.0 NSN 7930-01-508-2114 IS OBSOLETE. <i>NO TECHNICAL DATA IN SECTION II OF SFR.</i>

RECEIVED
FEB 27 2014
BY: SFR 4987

Current Date: 02/19/14

SHIP'S HAZARDOUS MATERIALS LIST (SHML)
FEEDBACK REPORT (SFR)

This form needs to be completed if the Hazardous Material
that you want to purchase is not authorized on your T-SHML

0
NIT
NIH

SHIP NAME: USS THEODORE ROOSEVELT

HULL NUMBER: CVN-71

TYCOM: COMNAVAIRFOR
CHOOSE ONE

UIC: V21247

Serial Number: 0007

AIRCRAFT RELATED: ☐ Yes ☒ No

I. JUSTIFICATION (To include equipment/application this material is to be used on):

Respectfully request item be approved and added to USS THEODORE ROOSEVELT CVN-71 Ship's Hazardous Material List (SHML). Material is a non-regulated HAZMAT required for the ship's 24 hours self-serve cleaning dispensing station. The 24 hour dispensing station is cost effective and provides all-in-one central location managed by HAZMAT Division. Product is effective for shipboard use. It removes ink, crayon, oil, and grease from walls, tools and furniture. Top cleaner for waxed floor.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

II. TECHNICAL DATA

NSN OBSOLETE

MAINTENANCE INDEX PAGE (MIP) #: N/A

MAINTENANCE REQUIREMENT CARD (MRC #: N/A

APL OR AEL: N/A

TECH MANUAL: N/A

REV. N/A ESTIMATED YEARLY REQUIREMENT: 20

III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

NSN: 7930 - 01 - 508 - 2114

PH 9.5-10.0

Cage 61781

MANUFACTURER: BIRCH INDUSTRIES INC.

PHONE: 516-635-6826
757-622-0355

ITEM OR TRADE NAME: CLEANER INDUSTRIAL, MULTI PURPOSE

PART NUMBER OR SPECIFICATION: N/A 127745 GOLDEN GUSTO CLEANER

UNIT OF ISSUE: BL

UNIT OF MEASURE: 15-000 15 GL KEG \$167.70 EA

IV. ENDORSEMENTS

BARREL

REQUESTORS NAME: ALHAJI M. KABBA

RANK: CPO

EMAIL: ALHAJI.KABBA@CVN71.NAVY.MIL

DATE PREPARED: 19FEB14

COMMANDER OR DESIGNEE NAME: MARK J. RUNSTROM

RANK: CDR HOURS UNDER THIS

EMAIL: MARK.RUNSTROM@CVN71.NAVY.MIL

DATE: 19FEB14

CURRENT NSN 2/27/14

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point
P.O. Box 2020, Code M0772.22
5450 Carlisle Pike, Mechanicsburg PA 17055-0788
Fax: DSN 430-3480 or COM 717-605-3480
Email: wraps.prime.fct@navy.mil

MSDS ATTACHED
5/16/14
UPDATED MSDS
LOADED IN
HOURS
UNDER THIS
CURRENT NSN
2/27/14
MSDS
under new
NSN if one
is assigned

BIRSCH

GOLDEN GUSTO CONCENTRATED FLOOR CLEANER



GOLDEN GUSTO is an economical, low foam, heavy duty concentrated floor cleaner. It is suitable for cleaning all types of floors, including concrete, tile, and stone. It is also suitable for cleaning walls, bulkheads, and equipment. GOLDEN GUSTO is designed to remove grease, oil, and dirt from all types of surfaces. It is also suitable for cleaning concrete, tile, and stone. It is also suitable for cleaning walls, bulkheads, and equipment. It is also suitable for cleaning concrete, tile, and stone. It is also suitable for cleaning walls, bulkheads, and equipment.

FOR USE ON:

DECKS WALLS BULKHEADS
FLOORS PLASTER EQUIPMENT
PAINT CONCRETE FLOOR CLEAN

DIRECTIONS: LIGHT SOILS: Dilute 2 oz. GOLDEN GUSTO per gallon of water.

MEDIUM SOILS: Dilute 3-4 oz. GOLDEN GUSTO per gallon of water.

HEAVY SOILS (GREASE, OIL): Dilute 6-8 oz. GOLDEN GUSTO per gallon of water.

Let stand for a few minutes to allow product to penetrate into soil. Brush or scrub surface and then pick-up dirty solution.

APPROVED FOR SHIPBOARD USE:

NAVSEA S6480-A4-CAT-010/0910-CP-103-4836

BIRSCH #	UNIT OF ISSUE	NSN
1277454	12/1 QUART	
1277453	4/1 GAL CASE	7930-01-370-9512
1277457	5 GAL PAIL	7930-01-508-2118
1277455	15 GAL KEG	7930-01-508-2114

BIRSCH INDUSTRIES

476 Viking Drive • Virginia Beach, VA 23452

(757) 622-0355 • FAX (757) 625-7552

N/A = Not Applicable

MATERIAL SAFETY DATA SHEET

Effective Date: Oct 2002

SECTION 1 - PRODUCT IDENTIFICATION

Revised Date: Oct 2012

Product Name: GOLDEN GUSTO CLEANER
Generic Name: Cleaner
Supplier's Name: BIRSCH INDUSTRIES, INC.
Supplier's Address: 476 Viking Drive, Suite 102
Virginia Beach, VA 23452
Emergency Phone Number: (800) 255-3924
Information Phone Number: (757) 622-0355

Product ID#: 127745

HMIS SYMBOL
HEALTH |1|
FLAMMABILITY |0|
REACTIVITY |0|

HMIS NFPA
SEVERE 4 EXTREME
SERIOUS 3 HIGH
MODERATE 2 MODERATE
SLIGHT 1 SLIGHT
MINIMAL 0 INSIGNIFICANT

NFPA SYMBOL
FIRE |0|
REACTIVITY |0|
TOXICITY |1|
SPECIAL |0|

SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS #	WT. %	TWA-TLV MG/M ³	STEL-TLV MG/M ³	CARCINOGEN
Sodium Dodecylbenzenesulfonic Acid	27176-87-0	<25.0	N/A	N/A	No
Nonionic Detergent	26027-38-3	< 5.0	N/A	N/A	No
*Ethylene Glycol Monobutyl Ether	111-76-2	< 6.0	25	N/A	No
Water	7732-18-5	to 100	N/A	N/A	No

This product contains *toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1988 and of 40 CFR 372.

SECTION 3 - PHYSICAL DATA

Boiling Point (F): >212°
Vapor Pressure: N/A
% Volatile: N/A
Solubility in Water: Yes
Physical Description: Yellow liquid, slight scent

Specific Gravity: 1.02
Vapor Density: (Air=1): N/A
pH: 9.5-10.0
Evaporation Rate: (Water=1): <1

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None to boil
Upper Explosive Limit: None
Extinguishing Media: N/A
Special Fire Fighting Procedures: None
Unusual Fire & Explosion Hazards: None

SECTION 5 - REACTIVE DATA

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility (Materials to Avoid): Do not mix with ANY other chemicals
Hazardous Decomposition Products: None

SECTION 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage: Do not stack cases or pails over three high.

SECTION 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure

Primary Route of Entry: Skin
Skin: May produce irritation or corrosive burns to skin. Dilute solutions may cause dermatitis after prolonged exposure.
Eyes: Can cause irritation or burns.
Inhalation: Mists may produce respiratory irritation.
Ingestion: Can cause irritation and corrosive burns to mouth throat and stomach.

First Aid Procedures

Skin: Immediately wash with soap and plenty of water while removing contaminated clothing. Seek medical aid.
Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical aid.
Inhalation: Remove to fresh air. Seek medical aid if irritation persists.
Ingestion: DO NOT induce vomiting. Give large quantities of water if conscious. Seek medical aid.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Where established exposure limits may be exceeded disposal.
Protective Gloves: rubber
Other Protective Equipment: None

Ventilation: Local exhaust is recommended use a NIOSH-approved container for
Eye Protection: Chemical splash goggles with full-face shield

PLEASE READ AND FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL. THEY ARE YOUR BEST GUIDE FOR THIS PRODUCT IN RECOMMENDED THE MOST EFFECTIVE WAY, AND THEY ALSO GIVE THE NECESSARY SAFETY PRECAUTIONS TO PROTECT YOUR HEALTH.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Mop, vacuum or wash away with water.

Waste Disposal Method: Dilute with plenty of water and flush into sewer system.

ORIGINATOR: NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
REC'D AT NAVICP: 2/27/2014 FPO#: AE09599 - 2871 UIC#: 21247 TYCOM: SURFLANT			
TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR)) SFR # 4988 ATTACHED FROM (SHIP): USS THEODORE ROOSEVELT (CVN-71) PRODUCT NAME: CLEANING COMPOUND, SOLVENT DETERGENT DATE ON SFR: 2/19/2014 <i>51701A</i>
NAVICP-M	2/28/2014	MC	NSN/NIIN: 7930-01-508-2127 <i>51701A</i> CAGE: 61781
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 127655 H2 ORANGE IT ALL
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) O
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: NONE
			MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: 5/T6/A 15 GALLON BARREL. (BL) PH: 5.4 NSN 7930-01-508-2127 IS OBSOLETE. NO TECHNICAL DATA IN SECTION II OF SFR.

Current Date: 02/19/14

RECEIVED
FEB 27 2014
BY: SFR 4988

SHIP'S HAZARDOUS MATERIALS LIST (SHML)
FEEDBACK REPORT (SFR)

○
NIT

This form needs to be completed if the Hazardous Material
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS THEODORE ROOSEVELT

HULL NUMBER: CVN-71

TYCOM: COMNAVAIRFOR
CHOOSE ONE

UIC: V21247

Serial Number: 0008

AIRCRAFT RELATED: ☐ Yes ☒ No

I. JUSTIFICATION (To include equipment/application this material is to be used on):

Respectfully request item be approved and added to USS THEODORE ROOSEVELT CVN-71 Ship's Hazardous Material List (SHML). Material is a non-regulated HAZMAT required for the ship's 24 hours self-serve cleaning dispensing station. The 24 hour dispensing station is cost effective and provides all-in-one central location managed by HAZMAT Division. Deodorizes restrooms, mirrors tiles etc. Removes stains including ones associated with mold.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

II. TECHNICAL DATA

NSN OBSOLETE

MAINTENANCE INDEX PAGE (MIP) #: N/A

MAINTENANCE REQUIREMENT CARD (MRC #: N/A

APL OR AEL: N/A

TECH MANUAL: N/A

REV. N/A ESTIMATED YEARLY REQUIREMENT: 20

III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

NSN: 7930-01-508-2127

PH 5.4

Cage 61781

MANUFACTURER: BIRSCH INDUSTRIES INC.

PHONE: 757-622-0355

ITEM OR TRADE NAME: ALL PURPOSE CLEANER (CLEANING COMPOUND, SOLVENT DETERGENT).

PART NUMBER OR SPECIFICATION: N/A 127655 H2 ORANGE IT ALL

UNIT OF ISSUE: CN BL

UNIT OF MEASURE: 15.000 15 GL \$308.00

CV GPD

IV. ENDORSEMENTS

8 BARREL

REQUESTORS NAME: ALHAJI M. KABBA

RANK: CPO

MSDS ATTACHED.

EMAIL: ALHAJI.KABBA@CVN71.NAVY.MIL

DATE PREPARED: 19FEB14

Submit it

COMMANDER OR DESIGNEE NAME: MARK J. RUNSTROM

RANK: CDR

under the

EMAIL: MARK.RUNSTROM@CVN71.NAVY.MIL

DATE: 19FEB14

New NSN

SIGNATURE: 

if one is

CO's signature denotes acceptance of all liabilities associated with the procurement and use of this non-SHML hazardous material

assigned.

Electronic submission of SHML Feedback Report/s constitutes CO's approval

updated

MSDS

Mail to:

Commanding Officer, Naval Inventory Control Point

P.O. Box 2020, Code M0772.22

5450 Carlisle Pike, Mechanicsburg PA 17055-0788

Fax: DSN 430-3480 or COM 717-605-3480

Email: wraps.prime.fct@navy.mil

Current NSN.

was loaded

in HMSRS

under the

2-27-14

BIRSCH

H2 ORANGE-IT-ALL MULTI-PURPOSE CLEANER WITH d-LIMONENE



H2 ORANGE-IT-ALL is a powerful, non-toxic, biodegradable cleaner that works on all surfaces. It is the green and orange colored liquid that is the most powerful cleaning agent for removing stains, odors, and grime from all surfaces.

Hydrogen Peroxide Boosts Bleaching Technology as follows:
• Penetrates surfaces and breaks down oil.
• Biodegradable surfactant dissolves and suspends soil in water.
• Hydrogen peroxide oxidizes soil and stains and destroys odors and provides color safe bleaching.

BENEFITS:

- Excellent for use on: Tools, Walls, Machinery, Concrete, Vinyl, All Metals, Toilets, Grills, Grease Traps

GENERAL DIRECTIONS: (All dilutions are per 1 gallon of water)

For light soils, add ½ oz. H2 ORANGE-IT-ALL. For medium soils, add 1 oz. H2 ORANGE-IT-ALL. For odor control, add 4 oz. H2 ORANGE-IT-ALL. Spray or mop on areas to be treated and allow to stand. Do not rinse. Around sewage treatment plants apply by drip method or fogging. For carpets, rugs, and upholstery, add 5 oz. H2 ORANGE-IT-ALL. Apply with a sprayer or clean cloth. Gently work out all gum, tar, grease, oil, etc. Do not overwet. For grease traps/machinery, add 16 oz. H2 ORANGE-IT-ALL weekly to all drain openings and allow to stand at least 10 minutes before flushing.



BIRSCH #	UNIT OF ISSUE	NSN
1276554	12/1 QUART	7930-01-508-2135
1276553	4/1 GALLON	7930-01-508-2132
1276557	5 GAL PAIL	7930-01-508-2134
1276555	15 GAL KEG	7930-01-508-2127
1276551	55 GAL DRUM	

BIRSCH INDUSTRIES

476 Viking Drive • Virginia Beach, VA 23452
(757) 622-0355 • FAX (757) 625-7552

N/A = Not Applicable

MATERIAL SAFETY DATA SHEET

Effective Date: Oct 2002

SECTION 1 - PRODUCT IDENTIFICATION

Revised Date: Oct 2012

Product Name: H2 ORANGE-IT-ALL
Generic Name: DEGREASER & CLEANER
Supplier's Name: BIRSCH INDUSTRIES, INC.
Supplier's Address: 476 Viking Drive, Suite 102
Virginia Beach, VA 23452
Emergency Phone Number: (800) 255-3924
Information Phone Number: (757) 622-0355

Product ID #: 127655

HMIS SYMBOL
HEALTH |1|
FLAMMABILITY |0|
REACTIVITY |0|

HMIS NFPA
SEVERE 4 EXTREME
SERIOUS 3 HIGH
MODERATE 2 MODERATE
SLIGHT 1 SLIGHT
MINIMAL 0 INSIGNIFICANT

NFPA SYMBOL
FIRE |0|
REACTIVITY |0|
TOXICITY |1|
SPECIAL |0|

SAFE HANDLING PROCEDURES: Precautions To Be Taken In Handling and Storage: Usual precautions for combustible liquids. Keep temperatures below 140°F. Store in tightly sealed, full containers. Clean up all spills. All handling equipment should be grounded. Product may expand slightly in storage causing pressure to build on container. Open container carefully if product appears to be under pressure. Wash thoroughly after handling.

SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS #	WT. %	TWA-TLV MG/M3	STEL-TLV MG/M3	CARCINOGEN
Water	7732-18-5	to 100			No
Citrus Terpenes	5989-27-5	10-15			No
Nonionic Surfactant	9016-45-9	0-10			No
Coconut Diethanolamine	8051-30-7	0-5			No
Hydrogen Peroxide	7722-84-1	5-10			No

This product contains HYDROGEN PEROXIDE a hazardous compound as defined by OSHA Regulations (29 CFR 19.10). Product is a by-product of citrus, entirely of natural origin and believed to contain no artificial flavors, sulfites or pesticide residue exceeding tolerances established by the FDA.

SECTION 3 - PHYSICAL DATA

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Boiling Point (F): 212°F
Vapor Pressure: <10mm Hg @68°F
% Volatile: 90+
Solubility in Water: Yes
Physical Description: Water thin clear

Specific Gravity: .97

Flash Point (Method Used): >200°F (TCC)
Upper Explosive Limit: N/A

Extinguishing Media: CO₂, Dry Chemical, Foam.

Fighting Procedures: N/A

Fire & Explosion Hazards: Drums heated by fire can explode.

SECTION 5 - REACTIVITY

SECTION 6 - STORAGE AND HANDLING INFORMATION

Stability: Stable
Hazardous Properties:
Incompatibility (Materials to Avoid):
Hazardous Decomposition Products:

Precautions to be Taken in Handling and Storage: For use by trained personnel only. Keep container closed during storage. Keep out of reach of children. For industrial use only. Precautions: None known.

Effects of Overexposure:
Primary Route of Entry:
Skin: May cause skin irritation with prolonged use.

Eyes: Eye irritant. May cause redness.

Inhalation: Vapors and mists may irritate the nose, throat, and respiratory system.

Ingestion: May be irritating to the gastrointestinal system.

SECTION 7 - FIRST AID

First Aid Procedures

Eyes: Flush thoroughly with water. If irritated persists, seek medical attention.

Skin: Flush with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.

Inhalation: Remove to fresh air. Seek medical attention if irritation persists.

Ingestion: Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use in well ventilated area.

Ventilation: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.

Protective Gloves: Solvent proof.
Other Protective Equipment: N/A

Eye Protection: Safety glasses.

PLEASE READ AND FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL. THEY ARE YOUR BEST GUIDE FOR THIS PRODUCT IN THE MOST EFFECTIVE WAY, AND THEY ALSO GIVE THE NECESSARY SAFETY PRECAUTIONS TO PROTECT YOUR HEALTH.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Wipe up with damp mop, sponge or rags and discard. Flush area with clean water if necessary. Avoid discharge into open waterways.

Waste Disposal Method: Small spills - flush into sewer system. Large - contain with absorbent material and discharge in accordance with all Federal, State and Local regulations. CAUTION: Slippery on floor.

ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 2/27/2014 FPO#: AE09599 - 2871 UIC#: 21247 TYCOM: SURFLANT

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR)) SFR # 4989 ATTACHED FROM (SHIP): USS THEODORE ROOSEVELT (CVN-71) PRODUCT NAME: REMOVER, FLOOR POLISH DATE ON SFR: 2/19/2014 <i>V/C3/H</i>
NAVICP-M	2/28/2014	MC	NSN/NIIN: 7930-01-508-3713 CAGE: 61781
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 179545 VAC-UP STRIPPER
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O O=Obsolete; N=Not Determined)
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: NONE
			MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: <i>V/C3/H</i> 15 GALLON BARREL (BL). PH: 11.1-12.0 NSN 7930-01-508-3713 IS OBSOLETE. NO TECHNICAL DATA IN SECTION II OF SFR.

RECEIVED

FEB 27 2014

BY: SFR 4989

Current Date: 02/19/14

SHIP'S HAZARDOUS MATERIALS LIST (SHML)
FEEDBACK REPORT (SFR)

10
NIT

This form needs to be completed if the Hazardous Material
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS THEODORE ROOSEVELT

HULL NUMBER: CVN-71

TYCOM: COMNAVAIRFOR
CHOOSE ONE

UIC: V21247

Serial Number: 0011

AIRCRAFT RELATED: ☐ Yes ☒ No

I. JUSTIFICATION (To include equipment/application this material is to be used on):
Respectfully request item be approved and added to USS THEODORE ROOSEVELT CVN-71 Ship's Hazardous Material List (SHML). Material is a non-regulated HAZMAT required for the ship's 24 hours self-serve cleaning dispensing station. The 24 hour dispensing station is cost effective and provides all-in-one central location managed by HAZMAT Division. 15 GL can of floor stripper for use on all hard floors.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

II. TECHNICAL DATA

NSN OBSOLETE

MAINTENANCE INDEX PAGE (MIP) #: N/A

MAINTENANCE REQUIREMENT CARD (MRC #: N/A

APL OR AEL: N/A

TECH MANUAL: N/A

REV. N/A ESTIMATED YEARLY REQUIREMENT: 20

III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

NSN: 7930-01-508-3713

PH 11-1-12.0

Page 61781

MANUFACTURER: BIRSCH INDUSTRIES INC.

PHONE: 757-622-0355

ITEM OR TRADE NAME: REMOVER, FLOOR POLISH

PART NUMBER OR SPECIFICATION: N/A 179545 VAC-UP STRIPPER

UNIT OF ISSUE: EN BL

UNIT OF MEASURE: 15.000

15 GL

\$238.00

CVGWG

V/C3/H

IV. ENDORSEMENTS

REQUESTORS NAME: ALHAJI M. KABBA

RANK: CPO

EMAIL: ALHAJI.KABBA@CVN71.NAVY.MIL

DATE PREPARED: 19FEB14

COMMANDER OR DESIGNEE NAME: MARK J. RUNSTROM

RANK: CDR

EMAIL: MARK.RUNSTROM@CVN71.NAVY.MIL

DATE: 19FEB14

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:
Commanding Officer, Naval Inventory Control Point
P.O. Box 2020, Code M0772.22
5450 Carlisle Pike, Mechanicsburg PA 17055-0788
Fax: DSN 430-3480 or COM 717-605-3480
Email: wraps.prime.fct@navy.mil

MSDS attached
Submit it under the
New
NSN if
one is
assigned.
MSDS was
loaded in
HMIRS under
this current
NSN.
2-27-14

BIRSCH

VAC-UP STRIPPER

MOP ON / MOP OFF STRIPPER



VAC-UP STRIPPER is a water-based, non-flammable, non-toxic, and non-hazardous floor stripping solution. It is designed for use on a wide variety of floor surfaces. The solution is applied by mop or machine and is removed by wet vacuuming or mopping. It is also available in a concentrated form for use in automatic floor machines or stripping carts. It also removes water-based concrete sealers and resins from concrete floors.

FOR USE ON:

- VINYL
- TERRAZZO
- ALUMINUM
- CONCRETE
- FLAGSTONE
- GRANITE
- ASPHALT TILE*
- LINOLEUM
- SEALED WOOD

DIRECTIONS:

- Step 1 - Apply solution to 100-200 square feet at a time
- Step 2 - Allow to stand 7 min. DO NOT ALLOW SOLUTION TO DRY ON FLOOR
- Step 3 - Wet vacuum or mop up solution

BIRSCH #	UNIT OF ISSUE	NSN
1795453	1 GALLON	7930-01-363-1630
1795456	4/1 GALLON	7930-01-363-1630
1795457	5 GAL PAIL	7930-01-370-7513
1795455	15 GAL KEG	7930-01-508-3713
1795451	55 GAL DRUM	7930-01-508-2134

BIRSCH INDUSTRIES

476 Viking Drive • Virginia Beach, VA 23452
(757) 622-0355 • FAX (757) 625-7552

SECTION 1 - PRODUCT IDENTIFICATION

Revised Date: July 2013

Product Name: VAC-UP STRIPPER Product ID#: 179545 NSN:7930-01-363-1630
 Generic Name: Stripper
 Supplier's Name: BIRSCH INDUSTRIES, INC.
 Supplier's Address: 476 Viking Drive, Suite 102
 Virginia Beach, VA 23452
 Emergency Phone Number: (800) 255-3924
 Information Phone Number: (757) 622-0355

HMIS SYMBOL	HMIS NFPA	NFPA
HEALTH [2]	SEVERE 4 EXTREME	FIRE [0]
FLAMMABILITY [0]	SERIOUS 3 HIGH	REACTIVITY [0]
REACTIVITY [0]	MODERATE 2 MODERATE	TOXICITY [2]
	SLIGHT 1 SLIGHT	SPECIAL [0]
	MINIMAL 0 INSIGNIFICANT	

SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS #	WT. %	TWA-TLV MG/M ³	STEL-TLV MG/M ³	CARCINOGEN
*Ethylene glycol monobutyl ether	111-76-2	20.0 to 35.0	121	N/A	No
Monoethanolamine	141-43-5	8.0 to 12.0	7.5	15	No
Sodium 1-Octane Sulfonate	5324-84-5	3.0 to 6.0	N/A	N/A	No
Water	7732-18-5	to 100	N/A	N/A	No

*Item is listed on the SARA TITLE III Section 313 inventory.

SECTION 3 - PHYSICAL DATA

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Boiling Point (F): 212°F
 Vapor Pressure: 20 mm Hg @68°F
 % Volatile: 80
 Solubility in Water: Complete
 Physical Description: Blue watery thin liquid with a butyl smell.

Specific Gravity: 0.99
 Vapor Density: (Air=1): >1
 pH: 11.1-12.0
 Evaporation Rate: (Water=1): <1

Flash Point (Method Used): Above boiling point
 Upper Explosive Limit: N/A
 Extinguishing Media: CO₂ or water
 Special Fire Fighting Procedures: None
 Unusual Fire & Explosion Hazards:

SECTION 5 - REACTIVE DATA

SECTION 6 - STORAGE AND HANDLING INFORMATION

Stability: Stable
 Incompatibility (Materials to Avoid): Do not mix with other chemicals.
 Hazardous Decomposition Products: Alkaline vapors in a fire.

Hazardous Polymerization: Will not occur

Precautions to be Taken in Handling and Storage: Keep out of reach of children.
 For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only.

SECTION 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure

Primary Route of Entry:

Skin: Severe skin irritant. May cause reddening, swelling, and possible skin damage.

Eyes: Severe eye irritant. Liquid and mist may damage eyes, causing corneal damage.

Inhalation: Vapors and mist may be irritating to mucous membranes in the throat, and lungs.

Ingestion: Irritating and corrosive to the mouth and throat. May cause headache, nausea, abdominal pain, vomiting and diarrhea.

First Aid Procedures

Skin: Flush with water. Seek medical attention if irritation persists.

Eyes: Flush with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.

Inhalation: Get to fresh air. Seek medical attention if irritation persists.

Ingestion: Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use in well ventilation area.

Protective Gloves: Waterproof

Other Protection: Waterproof shoes

Ventilation: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.

Eye Protection: Safety glasses.

PLEASE READ AND FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL. THEY ARE YOUR BEST GUIDE FOR THIS PRODUCT IN THE MOST EFFECTIVE WAY AND THEY ALSO GIVE THE NECESSARY SAFETY PRECAUTIONS TO PROTECT YOUR HEALTH.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Dike and absorb spill with inert material and transfer to container for disposal.

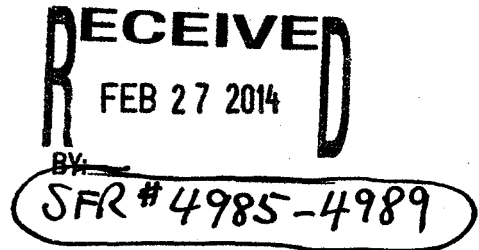
Waste Disposal Method: Any method in accordance to applicable laws..

SECTION 10 - TRANSPORTATION INFORMATION

Ethanolamine, Solutions, 8, UN2491, PGIII

Celona, Michael J CIV NAVSUP WSS, M077

From: Kabba, Alhaji M. LSC <Alhaji.Kabba@cvn71.navy.mil>
Sent: Thursday, February 27, 2014 9:52
To: He, Marianne C CIV NSWCCD Philadelphia, 6350; Celona, Michael J CIV NAVSUP WSS, M077
Cc: Richardson, David W CTR CNAP, N412
Subject: SFR 0007
Attachments: SFR 0007.pdf
Signed By: kabbaam@cvn71.navy.mil



Celona, Michael J CIV NAVSUP WSS, M077

From: Receptionist <receptionist@birsch.com>
Sent: Thursday, February 27, 2014 15:01
To: Celona, Michael J CIV NAVSUP WSS, M077
Subject: MSDS/TDS
Attachments: Golden Gusto.pdf

Hello Mike,

These files are large, so I am sending one at a time.

Laurinda Allred

Birsch Industries

476 Viking Drive, Suite 102

Virginia Beach, VA 23452

757-622-0355 Phone

757-625-7552 Fax

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Friday, February 28, 2014 7:58
To: He, Marianne C CIV NSWCCD Philadelphia, 6350
Cc: USS THEODORE ROOSEVELT; Kabba, Alhaji M. LSC; Richardson, David W CTR CNAP, N412; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077
Subject: USS THEODORE ROOSEVELT: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4985-4989 *SFR 4987, 4988, 4989*

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772
To: Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR's)

Attn: Marianne He

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4985) DISINFECTANT, GENERAL PURPOSE, (Part# 1454995, LOD-NEUTRAL 32), NSN: 7930-01-506-3522
(d) (SFR #4986) CLEANING COMPOUND, SOLVENT, (Part# 60605085), NSN: 7930-01-506-6323
(e) (SFR #4987) CLEANER INDUSTRIAL, MULTI PURPOSE, (Part# 127745 GOLDEN GUSTO CLEANER), NSN: 7930-01-508-2114
(f) (SFR #4988) CLEANING COMPOUND, SOLVENT DETERGENT, (Part# 127655 H2 ORANGE IT ALL), NSN: 7930-01-508-2127
(g) (SFR #4989) REMOVER, FLOOR POLISH, (Part# 179545 VAC-UP STRIPPER), NSN: 7930-01-508-3713
(h) POC for the USS Theodore Roosevelt (CVN-71): LSC Alhaji M. Kabba
(i) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) through (g) SFR's from ref (h). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (i). The following information provides the current status of your SFR's.

Ref (b) has forwarded your SFR to ref (i) for further review and analysis. Upon ref (i) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (i) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

Celona, Michael J CIV NAVSUP WSS, M077

From: Kabba, Alhaji M. LSC <Alhaji.Kabba@cvn71.navy.mil>
Sent: Thursday, February 27, 2014 9:52
To: He, Marianne C CIV NSWCCD Philadelphia, 6350; Celona, Michael J CIV NAVSUP WSS, M077
Cc: Richardson, David W CTR CNAP, N412
Subject: SFR 0007
Attachments: SFR 0007.pdf
Signed By: kabbaam@cvn71.navy.mil

RECEIVED
FEB 27 2014

BY: _____

SFR #4985-4989



DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE
PHILADELPHIA PA 19111-5098

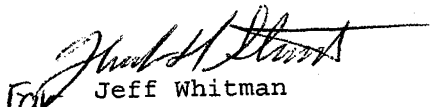
5450 CARLISLE PIKE - PO BOX 2020
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319
DSN & EXT 430-8319
FAX # 717-605-3480
IN REPLY REFER TO:
4030
Ser 0772/033
27 February 2014

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),
Pa., Code M0772
To: Commanding Officer, Naval Surface Warfare Center, Carderock
Division-Ship Systems Engineering Station (NSWCCD-SSES),
Code 635
Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML) FEEDBACK
REPORT/S (SFR's)

Encl: (1) SHML SFR's (SFR# 4985-4989)

1. Enclosure (1) contains a packet of five (5) SFR's (SFR# 4985-4989)
for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention
and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319
for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.


For Jeff Whitman
By Direction

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Thursday, March 06, 2014 9:08
To: USS GERMANTOWN (LSD-42) (ger@saltsmail.salts.navy.mil); Page, Ernest HT2(SW)
Cc: 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Armacost, Andrew H CIV MSC, N46; He, Marianne C CIV NSWCCD Philadelphia, 6350; He, Marianne C CIV NSWCCD Philadelphia, 6350
Subject: USS GERMANTOWN: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4990 & 4991 (FINAL ANSWER)
Signed By: mike.celona@navy.mil

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772
To: Commander, USS Germantown (LSD-42)

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR's)

Attn: HT2 (SW) Ernest Page

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4990) SILICONE COMPOUND, (Part# DOW CORNING NO. 4), NSN: 6850-01-571-6910
(d) (SFR #4991) PREVENTIVE MAINTENANCE FLUID, (Part# CFF2801PTN), NSN: 6850-01-604-6425
(e) POC for the USS Germantown (LSD-42): HT2 (SW) Ernest Page
(f) NSWCCD-SSSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) and (d) SFR's from ref (e). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (f). The following information provides the current status of your SFR's.

2. Concerning ref (c) SFR# 4990 per ref (f):

Mike,

USS Germantown (LSD 42)

SFR #4990: The SFR requested material (NSN: 6850-01-571-6910; Silicone Compound) is required onboard per MIP 5833/022, MRC 2QU6, SPMIG [12959]. Therefore, the requested material should be listed on the LSD T-SHML with AOB R. Furthermore, the SHML remarks should be updated to the following: "Use IAW DHZ2000205 and MRC 2QU6".

Respectfully,
Marianne

Marianne C. He
Environmental Engineer
NAVSEA Warfare Center Code 635
Hazardous Materials Control and Management
215-897-7693
marianne.he@navy.mil

Therefore, NSN: 6850-01-571-6910 IS APPROVED FOR USE and will be updated on the Master SHML and the LSD T-SHML with an AOB code of "R" (RESTRICTED FOR USE IAW DHZ2000205 AND MRC 2QU6).

3. Concerning ref (d) SFR# 4991 per ref (f):

SFR #4991: The SFR requested material (NSN: 6850-01-604-6425; Cleaning Compound, Solvent) is already authorized on the LSD T-SHML. Therefore, the material can be used. No action is required.

Respectfully,
Marianne

Therefore, NSN: 6850-01-604-6425 IS APPROVED FOR USE and will be updated in the Master SHML and the LSD T-SHML with an AOB code of "A" (AUTHORIZED FOR SHIPBOARD USE).

4. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

Celona, Michael J CIV NAVSUP WSS, M077

From: He, Marianne C CIV NSWCCD Philadelphia, 6350
Sent: Thursday, March 06, 2014 8:20
To: Celona, Michael J CIV NAVSUP WSS, M077
Cc: Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Shull, Karen E CIV NSWCCD Philadelphia, Code 635
Subject: SFRs #4990 and #4991
Signed By: MARIANNE.HE@NAVY.MIL

Mike,

USS Germantown (LSD 42)

SFR #4990: The SFR requested material (NSN: 6850-01-571-6910; Silicone Compound) is required onboard per MIP 5833/022, MRC 2QU6, SPMIG [12959]. Therefore, the requested material should be listed on the LSD T-SHML with AOB R. Furthermore, the SHML remarks should be updated to the following: "Use IAW DHZ2000205 and MRC 2QU6".

SFR #4991: The SFR requested material (NSN: 6850-01-604-6425; Cleaning Compound, Solvent) is already authorized on the LSD T-SHML. Therefore, the material can be used. No action is required.

Respectfully,
Marianne

Marianne C. He
Environmental Engineer
NAVSEA Warfare Center Code 635
Hazardous Materials Control and Management
215-897-7693
marianne.he@navy.mil

Good (IH)
-R S/VG/B LP/OT

A-good LP/OT (9B)
9/11/A

ORIGINATOR: NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
REC'D AT NAVICP: 3/2/2014 FPO#: AP96666 - 1730 UIC#: 21639 TYCOM: SURFPAC			
TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR)) SFR # 4990 ATTACHED FROM (SHIP): USS GERMANTOWN (LSD-42) PRODUCT NAME: SILICONE COMPOUND DATE ON SFR: 2/21/2014
NAVICP-M	3/4/2014	MC	NSN/NIIN: 6850-01-571-6910 CAGE: 71984
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: DOW CORNING NO. 4
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) P
			MSDS NUMBER: (NIH=Not In HMIRS) CXYZL
			MIP: 5833/022 MRC: A-1 2QU6Y
LCM/ISEA			MIP/MRC: NONE
			APL: NONE AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: S/V6/B 5.3 OUNCE TUBE.

A 96666-1730

Current Date: 21FEB14

SHIP'S HAZARDOUS MATERIALS LIST (SHML)
FEEDBACK REPORT (SFR)

(P)

RECEIVED
MAR 2 2014
BY: SFR 4990

This form needs to be completed if the Hazardous Material
that you want to purchase is not authorized on your T-SHML

NIT

LSD-42

SHIP NAME: USS Germantown LSD

HULL NUMBER: 42

TYCOM: CHOOSE ONE

UIC: 21639

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

I. JUSTIFICATION

(To include equipment/application this material is to be used on):
PMS REQUIREMENT FOR SAR SWIMMER EQUIPMENT. LPU-28A/P LIFE

PRESERVERS.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

II. TECHNICAL DATA

MAINTENANCE INDEX PAGE (MIP) #: 5833/022

MAINTENANCE REQUIREMENT CARD (MRC #: A-1 2QU6Y

APL OR AEL:

TECH MANUAL: N/A

REV.

ESTIMATED YEARLY REQUIREMENT: 2 EA

III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

NSN: 6850 01 571 6910

Cage 71984

MANUFACTURER: DOW CORNING

PHONE: 989 496 5900

ITEM OR TRADE NAME: SILICONE COMPOUND

PART NUMBER OR SPECIFICATION: ~~De-4~~ DOW CORNING NO. 4

CXYZL
S/VG/B

UNIT OF ISSUE: TU

UNIT OF MEASURE:

5.302

IV. ENDORSEMENTS

Cage 93950

NAVAL INVEN. CONT. POINT.

P/N: DOW CORNING NO. 4

REQUESTORS NAME: ERNEST PAGE JR. HT2 (9595 HMC&M) 717-605- RANK: E-5

3500

EMAIL: Page@lsd42.navy.mil

DATE PREPARED: 21 FEBRUARY 2014

COMMANDER OR DESIGNEE NAME: J.R. LEACH

RANK: O-5

EMAIL:

DATE:

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point
P.O. Box 2020, Code M0772.22
5450 Carlisle Pike, Mechanicsburg PA 17055-0788
Fax: DSN 430-3480 or COM 717-605-3480
Email: wraps.prime.fct@navy.mil

ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 3/2/2014 FPO#: AP96666 - 1730 UIC#: 21639 TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR)) SFR # 4991 ATTACHED FROM (SHIP): USS GERMANTOWN (LSD-42) PRODUCT NAME: PREVENTATIVE MAINTENANCE FLUID (CLEANING COMPOUND, SOLVENT) DATE ON SFR: 2/21/2014
NAVICP-M	3/4/2014	MC	NSN/NIIN: 6850-01-604-6425 CAGE: 1RC88 PART NUMBER/DRAWING/SPECIFICATION: CFF2801PTN
NSWCCD			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) A
ISEA			MSDS NUMBER: (NIH=Not In HMIRS) DFRHZ MIP: 6641/006 MRC: S-1 G4EN
LCM/ISEA			MIP/MRC: NONE APL: NONE AEL: NONE
NAVICP-M			APL/AEL: 2-880044286 TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: 9/N1/A 4 GALLON BOX. NOT SURE WHAT MASTER SHML AOB CODE IS. SHML STILL DOWN.

Current Date: 21 FEB 14

**SHIP'S HAZARDOUS MATERIALS LIST (SHML)
FEEDBACK REPORT (SFR)**

RECEIVED
MAR 2 2014
BY: SER 4991

This form needs to be completed if the Hazardous Material
that you want to purchase is not authorized on your T-SHML

CANNOT SEE
MASTER SH
(STILL DOING)
(A)
NIT

SHIP NAME: USS Germantown LSD

SHIP NUMBER: 42

TYCOM: CHOOSE ONE

UIC: 21639

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

I. JUSTIFICATION

(To include equipment/application this material is to be used on):
USED DURING DAMAGE CONTROL DRILLS IN THE SMOKE MACHINE.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

II. TECHNICAL DATA

MAINTENANCE INDEX PAGE (MIP) #: 6641/006

MAINTENANCE REQUIREMENT CARD (MRC #: S-1 G4EN

APL OR AEL: 2-880044286

TECH MANUAL: N/A

REV. 13 ESTIMATED YEARLY REQUIREMENT: 2 GAL

III. MANUFACTURER DATA

(If requested NSN is provided proceed to section IV)

9B NSN: 6850 01 604 6425

MANUFACTURER: POINTER TECHNOLOGY INC.

PHONE: 888 868 8606

ITEM OR TRADE NAME: PREVENTATIVE MAINTENANCE FLUID (CLEANING COMPOUND, SOLVENT)

PART NUMBER OR SPECIFICATION: CFF2801PTN

UNIT OF ISSUE: 4 BX

UNIT OF MEASURE: 4 GL

DFRHZ

9/N1/A

IV. ENDORSEMENTS

REQUESTORS NAME: ERNEST PAGE JR. HT2 (9595 HMC&M)

RANK: E-5

EMAIL: Page@lsd42.navy.mil

DATE PREPARED: 21 FEBRUARY 2014

COMMANDER OR DESIGNED NAME: J.R. LEACH

RANK: O-5

EMAIL:

DATE:

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with
the procurement and use of this non-SHML hazardous material

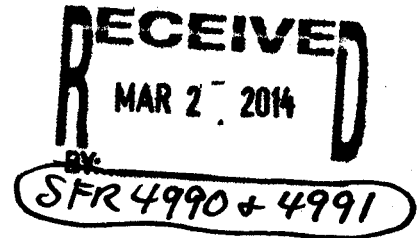
Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point
P.O. Box 2020, Code M0772.22
5450 Carlisle Pike, Mechanicsburg PA 17055-0788
Fax: DSN 430-3480 or COM 717-605-3480
Email: wraps.prime.fct@navy.mil

Celona, Michael J CIV NAVSUP WSS, M077

From: Page, Ernest HT2(SW) <page@lsd42.navy.mil>
Sent: Sunday, March 02, 2014 19:04
To: wraps.prime.fct
Subject: SHML SFR REQUEST
Attachments: DOC001.pdf; DOC001.pdf



Commanding Officer, Naval Inventory Control,

Requesting to have the above SFR's approved in order to have my HICSWIN system updated to issue hazmat. Thank you

V/r,

Ernest Page Jr. HT2 (SW)

HMC&M Technician (9595)

Hazmat Center LPO/HE01

USS Germantown LSD 42

FPO-AP 96666-1730

DSN: 315-252-3786

COMM: 81-0956-50-3786

Cell: 080-3243-5221

"An individual has not started living until he can rise above the narrow confines of his individualistic concerns to the broader concerns of all humanity".

Martin Luther King, Jr. <<http://www.brainyquote.com/quotes/quotes/m/martinluth400049.html>>

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Tuesday, March 04, 2014 13:43
To: He, Marianne C CIV NSWCCD Philadelphia, 6350
Cc: USS GERMANTOWN (LSD-42) (ger@saltsmail.salts.navy.mil); Page, Ernest HT2(SW); 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Armacost, Andrew H CIV MSC, N46; He, Marianne C CIV NSWCCD Philadelphia, 6350
Subject: USS GERMANTOWN: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4990 & 4991

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772
To: Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR's)

Attn: Marianne He

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4990) SILICONE COMPOUND, (Part# DOW CORNING NO. 4), NSN: 6850-01-571-6910
(d) (SFR #4991) PREVENTIVE MAINTENANCE FLUID, (Part# CFF2801PTN), NSN: 6850-01-604-6425
(e) POC for the USS Germantown (LSD-42): HT2 (SW) Ernest Page
(f) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) and (d) SFR's from ref (e). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (f). The following information provides the current status of your SFR's.

Ref (b) has forwarded your SFR's to ref (f) for further review and analysis. Upon ref (f) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (f) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE
PHILADELPHIA PA 19111-5098

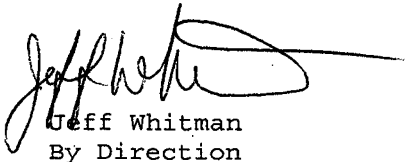
5450 CARLISLE PIKE - PO BOX 2020
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319
DSN & EXT 430-8319
FAX # 717-605-3480
IN REPLY REFER TO:
4030
Ser 0772/034
4 March 2014

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),
Pa., Code M0772
To: Commanding Officer, Naval Surface Warfare Center, Carderock
Division-Ship Systems Engineering Station (NSWCCD-SSES),
Code 635
Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML) FEEDBACK
REPORT/S (SFR's)

Encl: (1) SHML SFR's (SFR# 4990 & 4991)

1. Enclosure (1) contains a packet of two (2) SFR's (SFR# 4990 & 4991) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.


Jeff Whitman
By Direction

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Wednesday, March 12, 2014 7:41
To: USS BLUE RIDGE (yfm@saltsmail.salts.navy.mil); Zhao, Yuechao LS2 (LCC-19)
Cc: 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Armacost, Andrew H CIV MSC, N46; He, Marianne C CIV NSWCCD Philadelphia, 6350
Subject: USS BLUE RIDGE: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4992 (FINAL ANSWER)

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772

To: Commander, USS Blue Ridge (LCC-19)

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

Attn: LS2 (SW) Zhao

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4992) SCOTSMAN CLEAR-1 SCALE REMOVING COMPOUND, (Part# 19-0653-12 NICKEL SAFE ICE MACHINE CLEANER), NSN: None
(d) POC for the USS Blue Ridge (LCC-19): LS2 (SW) Zhao
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4992 per ref (e):

Mike,

USS Blue Ridge (LCC 19)

SFR #4992: The SFR requested material (NSN: none; Scale Removing Compound) is not authorized for use. There are several scale removing compounds already authorized on the LCC T-SHML. NSN 6850-00-949-1397 is specifically recommended for the intended use. No changes to the SHML are required.

Respectfully,
Marianne

Marianne C. He
Environmental Engineer
NAVSEA Warfare Center Code 635
Hazardous Materials Control and Management
215-897-7693
marianne.he@navy.mil

Therefore your request for Scale Removing Compound, part number 19-0653-12 IS NOT APPROVED FOR USE. In lieu of the requested product, use NSN 6850-00-949-1397 which is already listed in the Master SHML and the LCC T-SHML with an AOB code of "A" (AUTHORIZED FOR SHIPBOARD USE).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

Celona, Michael J CIV NAVSUP WSS, M077

From: He, Marianne C CIV NSWCCD Philadelphia, 6350
Sent: Tuesday, March 11, 2014 12:29
To: Celona, Michael J CIV NAVSUP WSS, M077
Cc: Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Shull, Karen E CIV NSWCCD Philadelphia, Code 635
Subject: SFR #4992

Mike,

USS Blue Ridge (LCC 19)

Ref - Do not add

SFR #4992: The SFR requested material (NSN: none; Scale Removing Compound) is not authorized for use. There are several scale removing compounds already authorized on the LCC T-SHML. NSN 6850-00-949-1397 is specifically recommended for the intended use. No changes to the SHML are required.

Respectfully,

Marianne

Marianne C. He
Environmental Engineer
NAVSEA Warfare Center Code 635
Hazardous Materials Control and Management
215-897-7693
marianne.he@navy.mil

use
(A)
9B
V/C1/H
LP/OT

ORIGINATOR: NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
REC'D AT NAVICP: 3/6/2014 FPO#: AP96628 – 3300 UIC#: 05840 TYCOM: SURFPAC			
TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR)) SFR # 4992 ATTACHED FROM (SHIP): USS BLUE RIDGE (LCC-19) PRODUCT NAME: SCOTSMAN CLEAR-1 (SCALE REMOVING COMPOUND) DATE ON SFR: 2/22/2014
NAVICP-M	3/7/2014	MC	NSN/NIIN: --- CAGE: 49524
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 19-0653-12 NICKEL SAFE ICE MACHINE CLEANER
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; NIS O=Obsolete; N=Not Determined)
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: NONE
			MRC: NONE
LCM/ISEA			MIP/MRC: 32A030042
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: SCOTSMAN USER TECH MANUAL
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: V/C1/H 12-16 OUNCE BOTTLES PER CASE. NOT IN NAVY OR DOD SUPPLY SYSTEM. CURRENTLY, THERE ARE 38 NSN'S LISTED IN THE SHML FOR SCALE REMOVING COMPOUND.

RECEIVED
MAR 6, 2014
BY: SFR 4992

Current Date: 2/22/2014

SHIP'S HAZARDOUS MATERIALS LIST (SHML)
FEEDBACK REPORT (SFR)

This form needs to be completed if the Hazardous Material
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS Blue Ridge

HULL NUMBER: LCC 19

TYCOM: SURFPAC

UIC: 05840

Serial Number: 140530824

AIRCRAFT RELATED: ☐ Yes ☒ No

I. JUSTIFICATION (To include equipment/application this material is to be used on):

The purpose for this maintenance is to remove scale build up on the SCOTSMAN Ice Bulk Machine. Attachment is the procedure IAW User's TECH Manual how to apply the hazmat.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): N/A

II. TECHNICAL DATA

MAINTENANCE INDEX PAGE (MIP) #: N/A

MAINTENANCE REQUIREMENT CARD (MRC #: N/A)

APL OR AEL: 32A030042

TECH MANUAL: SCOTSMAN USER TECH MANUAL REV. N/A ESTIMATED YEARLY REQUIREMENT: 4

III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

NSN:

MANUFACTURER: SCOTSMAN INDUSTRIES, INC
HIGH 321 SOUTH FAIRFAX, S.C.
29827 CAGE CODE: 49524

800-726-8762
PHONE: 800 - 424 - 9300
814-237-9100

Page 49524

ITEM OR TRADE NAME: SCOTSMAN (SCALE REMOVING COMPOUND)
CLEAR-1

PART NUMBER OR SPECIFICATION: 19-0653-12 NICKEL SAFE ICE MACHINE CLEANER

UNIT OF ISSUE: BX UNIT OF MEASURE: 16 OZ

12-16 OZ BT PER CASE

IV. ENDORSEMENTS

REQUESTORS NAME: MICHAEL I. BALITAAN

RANK: PO1/E-6

EMAIL: Michael.balitaan@yahoo.com

DATE PREPARED: 22Feb14

COMMANDER OR DESIGNER NAME: R. C. McCORMACK

RANK: CAPT

EMAIL: CO@lcc19.navy.mil

DATE: 3/1/14

SIGNATURE: R. C. McCORMACK, CAPT, USN

CO's signature denotes acceptance of all liabilities associated with
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, NAVSUP Weapons Systems Support
P.O. Box 2020, Code M0772.22
5450 Carlisle Pike, Mechanicsburg PA 17055-0788
Fax: DSN 430-3480 or COM 717-605-3480
Email: wraps.prime.fct@navy.mil

Fyi,
SCALE REMOVING COMPOUND HAS CURRENTLY
37 NSN'S IN SHML.

- NIT
- NIS
- NOT IN
DLSC
- NIM

\$275.00 CASE
22.95 BT

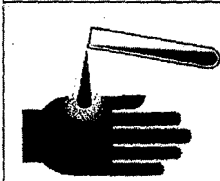
MSDS ATTACHED
V-CI-H

Maintenance: Scale Removal and Sanitation

Note: Following this procedure will reset the de-scale and sanitize light.

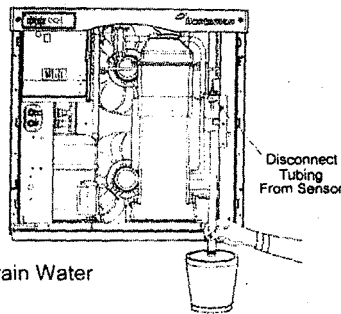
1. Remove front panel.
2. Push and release the Off button.
3. Remove ice from bin or dispenser.
4. Turn the water supply to the float valve OFF.
5. Drain the water and evaporator by disconnecting the leg of the hose connected to the water sensor and draining it into the bin. Return the hose to its original position.
6. Remove the water reservoir cover.
7. Mix a solution of 8 ounces of Scotsman Clear One Scale Remover and 3 quarts of 95-115 degree F. potable water.

CAUTION



Ice machine scale remover contains acids. Acids can cause burns. If concentrated cleaner comes in contact with skin, flush with water. If swallowed, do NOT induce vomiting. Give large amounts of water or milk. Call Physician immediately. Keep out of the reach of children.

8. Pour the scale remover solution into the reservoir. Use a small cup for pouring.
9. Push and release the Clean button: the auger drive motor and light are on, C is displayed and the De-scale light blinks. After 20 minutes the compressor will start.
10. Operate the machine and pour the scale remover into the reservoir until it is all gone. Keep the reservoir full. When all the scale remover solution has been used, turn the water supply back on. After 20 minutes of ice making the compressor and auger motor will shut off.
11. Turn the water supply to the ice machine OFF
12. Drain the water reservoir and evaporator by disconnecting the leg of the hose connected to
13. To sanitize the water system, mix a locally approved sanitizing solution. An example of a sanitizing solution is mixing one ounce of liquid household bleach and two gallons of 95 – 115 degree F. water.
14. Pour the sanitizing solution into the reservoir.
15. Push and release the On button.
16. Switch the water supply to the ice machine on.
17. Operate the machine for 20 minutes.
18. Push and release the Off button.
19. Wash the reservoir cover in the remaining sanitizing solution.
20. Return the reservoir cover to its normal position.
21. Melt or discard all ice made during the sanitizing process.
22. Wash the inside of the ice storage bin with the sanitizing solution.
23. Push and release the On button.
24. Return the front panel to its original position and secure with the original screws.



the water sensor and draining it into the bin or a bucket. Return the hose to its original position. Discard or melt all ice made during the previous step.

SCOTSMAN INDUSTRIES, INC.
HIGH 321 SOUTH
FAIRFAX, S.C. 29827

Emergency Telephone: (800) 424-9300

CLEAR-1

HMIS: 3-0-0

NFPA: 3-0-0

Page 1 of 2

Data Sheet: 41406
Prepared: 04/14/06

This Material Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200.

SECTION 1: COMPOSITION / INFORMATION ON INGREDIENTS

If present, IARC, NTP, and OSHA Carcinogens, are identified with an asterisk (*) in this section.

<u>Ingredient(s)</u>	<u>Exposure Limits</u>	<u>Percent</u>	<u>Note</u>
Phosphoric Acid CAS#: 7664-38-2	PEL-TWA 1mg/M ³	40-60%	Short Term Exposure Limit 3 mg/M ³
Citric Acid CAS#: 77-92-9	Not established	<10%	
Surfactant CAS#: 68610-39-9	Not established	<5%	
Water CAS#: 7732-18-5	Not established	<30%	

SECTION 2: HAZARDS IDENTIFICATION

Permissible Exposure Limits: Not established for this product. See Section 1 for Component PELs and TLVs.

Effects of Acute Overexposure:

Eyes: Exposure to liquid, vapor or mist may cause severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and eye damage. Burning may not be immediately painful or visible. Prolonged or repeated exposure may cause irreversible eye damage including corneal damage and blindness.

Skin: Exposure to liquid, vapor, or mist may cause severe skin irritation. Symptoms may include redness, burning and severe skin damage. Prolonged or repeated exposure may cause irreversible skin damage including burns.

Breathing: Exposure is possible under certain conditions such as spraying. Prolonged or repeated exposure may cause irreversible respiratory tract damage.

Swallowing: Exposure may be harmful or fatal. Symptoms may include: severe gastrointestinal irritation (nausea, diarrhea, and vomiting) and burns to the mouth, throat, and digestive tract.

Primary Route(s) of Entry: Skin contact, eye contact, and inhalation.

Effects of Chronic Overexposure: None known. The components in this material are not listed as a carcinogen by IARC, NTP, OSHA, or ACGIH.

Medical Conditions Aggravated by Exposure: Skin contact may aggravate existing dermatitis or other significant skin conditions. Inhalation may adversely affect existing respiratory conditions.

SECTION 3: FIRST AID MEASURES

Eyes: Immediately remove individual from exposure area into fresh air. Flush eyes with water for at least 30 minutes while holding eyelids apart. Seek immediate medical attention.

Skin: Remove contaminated clothing immediately. Wash exposed area with large amounts of soap and water. If skin is damaged or symptoms develop, seek immediate medical attention.

Breathing: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen (if you have been trained in its use). If breathing has stopped, give artificial respiration. Keep person, warm, quiet and get immediate medical attention. If possible do not leave person unattended.

Swallowing: Do not induce vomiting. Vomiting will cause further damage to the mouth and throat. If the individual is conscious and alert, immediately rinse mouth with water and dilute the swallowed material with milk or water. Seek immediate medical attention.

SECTION 4: FIRE FIGHTING MEASURES

Flash Point: >212 °F by TCC

Explosive Limit: Not applicable

Extinguishing Media: Water

Hazardous Decomposition Products: May form toxic materials including, but not limited to the following: acid vapors, hydrogen gas, and oxides of phosphorous.

Fire Fighting Procedures: Wear Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fire fighting.

Special Fire and Explosion Hazards: Phosphoric acid is corrosive. Hydrogen gas may be formed when this product comes in contact with metals. This product contains a large amount of water and will not burn under normal fire conditions.

SECTION 5: ACCIDENTAL RELEASE MEASURES

Small Spill: Absorb liquid with vermiculite, floor absorbent, or other absorbent material. Ventilate area well before re-entry. Appropriate personal protective equipment should be worn.

Large Spill: Only personnel trained in spill clean-up under 29 CFR 1910.120 should be involved with spill clean-up procedures. Prevent material from entering drains, sewers, streams, or other bodies of water. Prevent from spreading. If run-off occurs notify appropriate authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product on absorbent materials. Transfer contaminated absorbent and other materials to container for neutralization. Neutralize spilled material. Follow Local, State, and Federal regulations for proper disposal.

SECTION 6: HANDLING AND STORAGE

Keep containers closed when not in use. Do not transfer to unmarked containers. Loosen closure carefully.

SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: Not required under normal conditions of use; however, if sprayed or used in confined areas, a NIOSH / MSHA approved respirator may be advised in absence of proper environmental control. OSHA regulations also permit other NIOSH / MSHA respirators under specified conditions -- see 29 CFR 1910.134 or your safety equipment supplier. Engineering and/or administrative controls should be implemented to reduce exposure.

Ventilation: Provide sufficient mechanical ventilation (general and/or local exhaust) to maintain exposure below the recommended exposure limits.

Protective Gloves: Wear chemical resistant gloves such as neoprene or rubber. Contact your safety equipment supplier.

Eye Protection: Chemical splash goggles and a face shield to prevent splash on to the face, in compliance with OSHA regulations, are advised.

Other Protective Equipment: To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

Property	Measurement	Property	Measurement
Boiling Point	212 °F @ 60 mmHg (component)	Specific Gravity	1.42 @ 59°F (component)
Vapor Pressure	17.5 mmHg @ 68°F (component)	Percent Volatiles	100 %
Vapor Density	Heavier than Air (Air = 1)	Evaporation Rate	Slower than Ether
Solubility In Water	Soluble	Appearance	Pink, clear liquid
pH	Acidic (1.0)		

SECTION 9: STABILITY AND REACTIVITY

Hazardous Polymerization: Can not occur.

Stability: Stable.

Incompatibility: Avoid contact with cyanides, sulfides, sulfites, strong alkalies, and organic materials. Corrosion can occur in contact with some metals and alloys. Do not mix with any products.

SECTION 10: TOXICOLOGICAL INFORMATION

No data available at this time.

SECTION 11: ECOLOGICAL INFORMATION

No data available at this time.

SECTION 12: DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Local, State, and Federal Regulations.

This product may be classified as an RCRA Hazardous Waste D002 due to the pH of the solution and the corrosive characteristics.

SECTION 13: TRANSPORTATION INFORMATION

DOT Hazard Classification: Phosphoric acid solution, 8 (corrosive material), UN 1805, III

SECTION 14: REGULATORY INFORMATION

SARA Title III, Section 313 chemicals: Phosphoric acid is subject to the reporting requirements. Phosphoric acid can be found in this material at 56%.

SARA Title III, Section 312 Health -- Acute (Yes) Chronic (No) Fire (No) Reactivity (Yes). Proposition 65: No

SECTION 15: OTHER INFORMATION

Containers used to transport and store this material may be hazardous when emptied. Residue (Vapor, Liquid, and/or Solid) may be present in the emptied container. All hazard precautionary measures should be followed.

The information accumulated and reflected in this Material Safety Data Sheet is believed to be accurate but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.



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BINCS

Company Details

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BINCS Information

DUNS Number: 364466284

JCP Cert. Number:

CAGE Code: 49524

CAGE Information

Company Name: SCOTSMAN INDUSTRIES INC
DIV SCOTSMAN ICE SYSTEMS

Status: Active Record

Parent CAGE: 0JWM7

Address: 775 CORPORATE WOODS PKWY

P.O. Box:

City: VERNON HILLS

Zip: 60061

CAO-ADP: S1403A-HQ0339

State: IL

County: LAKE

Voice Phone Number: 847-778-8331

Fax Phone Number: 847-731-6918

Date CAGE Code Established: 11/4/1974

Last Updated: 10/25/2010

Point of Contact: FRANK HEBNER

Company Web Site: <http://www.scotsman-ice.com>

PROD - v2.6.15244.4

DLA Customer Interaction Center (CIC) Toll Free: 1-877-352-2255 or DSN 661-7766 Email: dlacustomercenter@dla.mil
[Privacy/Security](#) | [Accessibility/Section 508](#) | [Contact Webmaster](#) | [Download Acrobat](#) | [Download MS Word Viewer](#)

Application - v1.0.0.0

Last Updated: 2013-09-23



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 - Cleaning (1)
 - Electrical Components-> (242)
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- [Payment & Privacy](#)
- [Testimonials](#)
- [Contact Us](#)

What's New?

Scotsman 02-3707-21
Float Sensor
\$44.00

Scotsman 19-0653-01 16 oz. Bottle of Scotsman "Clear 1" Ice Mach

[19-0653-01]

\$11.95

In Stock. Same Day Shipment! Scotsman 19-0653-01 16 oz. Bottle of Scotsman "Clear 1" Ice Machine Cleaner/Scale Remover.

Scotsman's Clear1 Ice Machine Cleaner (19-0653-01) is Scotsman's way to clean your ice machine! This product is a concentrated scale remover and ice machine cleaner. Clear1 Ice Machine Cleaner removes lime scale deposits from your Ice Machines and is approved for use with any Scotsman ice machine. We slashed the price of this cleaner/scale remover for our customers and can ship this today as long as you place your order before 4 PM EST.

Scotsman 19-0653-01 16 oz. Bottle of Scotsman "Clear 1" Ice Machine Cleaner replaces numbers 19-0653-12, 19-0343-00, 19-0343-01, 19-0343-03, 19-0343-06, 19-0636-02, 19-0

Order your 16 oz. Bottle of Scotsman "Clear 1" Ice Machine Cleaner Online

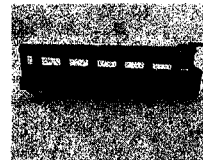
Scotsman "Clear 1" Ice Machine Cleaner can only be shipped via UPS Gro

Reviews

Customers who bought this product also purchased



Scotsman 02-3361-01 Water Tube Discharge



Scotsman 02-2527-01 Tube-Water Distributor

Scotsman 02-3

Scotsman A09543-000 Spinner Jet



Scotsman 02-3338-01 Drain Tube

Scotsman 02



SMARTICEWAREHOUSE.COM

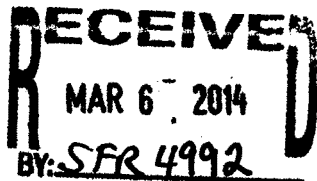


SiteLock
MALWARE-FREE

Passed 07-Mar-2014

Celona, Michael J CIV NAVSUP WSS, M077

From: Zhao, Yuechao LS2 (LCC-19) <yuechao.zhao@lcc19.navy.mil>
Sent: Thursday, March 06, 2014 18:43
To: Celona, Michael J CIV NAVSUP WSS, M077
Cc: He, Marianne C CIV NSWCCD Philadelphia, 6350; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Poss, Matthew C LT (SUPPO LCC-19); Holland, Steven A. LT (LCC-19) ASUPPO; Delrosario, Jesse E. LSCS (LCC-19); Delacruz, Alex N. LSC (LCC-19); Balitaan, Michael I. MM1 (LCC-19); Marigundon, Francisco E. CWO2 (LCC-19); Cando, Mark D. MM2 (LCC-19); Giron, Ruben Rio M. CSC (LCC-19); Grant, Nathan H. LS1 (LCC-19); Fuller, Boyrish C. LS1 (LCC-19); Bitanga, Gilbert V. CSCM (LCC-19); Flores, Daniel J. LS2(LCC-19); Jarvis, Scott L LS2 (LCC-19); Garcia, Jacque C. LS1 (LCC-19); Rice, Kory C. LSSR (LCC-19); Tabsoba, Ahmed LS3 (LCC-19)
Subject: RE: SFR request
Attachments: QN1032.pdf; [Untitled].pdf



Mike,

We just confirmed with the company that the "FOOD REX FG 1" is a no go since sales made a mistake. But the scale remover "CLEAR 1" is still good. Attached file is the price quote from the company for the scale remover alone with the SFR.

Please let us know what information we need to provide manufacturers technical/product data sheet so we can work with the company to get those information.

Thank you very much.

V/R
LS2 (SW) Zhao
S-1 WCS
S-1 FINANCIALS
HAZMINCEN SUP

USS BLUE RIDGE (LCC-19)
SUPPLY/S-1
FPO-AP 96628-3300
COM: 011-81-46-896-9998 EXT.4412/4416
DSN: (315) 241-9998 EXT.4412/4416

-----Original Message-----

From: Celona, Michael J CIV NAVSUP WSS, M077 [mailto:mike.celona@navy.mil]
Sent: Wednesday, March 05, 2014 4:26 AM
To: Zhao, Yuechao LS2 (LCC-19)
Cc: He, Marianne C CIV NSWCCD Philadelphia, 6350; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Poss, Matthew C LT (SUPPO LCC-19); Holland, Steven A. LT (LCC-19) ASUPPO; Delrosario, Jesse E. LSCS (LCC-19); Delacruz, Alex N. LSC (LCC-19); Balitaan, Michael I. MM1 (LCC-19); Marigundon, Francisco E. CWO2 (LCC-19); Cando, Mark D. MM2 (LCC-19); Giron, Ruben Rio M. CSC (LCC-19); Grant, Nathan H. LS1 (LCC-19); Fuller, Boyrish C. LS1 (LCC-19); Bitanga, Gilbert V. CSCM (LCC-19); Flores, Daniel J. LS2(LCC-19); Jarvis, Scott L LS2 (LCC-19); Garcia, Jacque C. LS1 (LCC-19); Rice, Kory C. LSSR (LCC-19); Tabsoba, Ahmed LS3 (LCC-19)
Subject: FW: SFR request

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Friday, March 07, 2014 12:57
To: He, Marianne C CIV NSWCCD Philadelphia, 6350
Cc: USS BLUE RIDGE (yfm@saltsmail.salts.navy.mil); Zhao, Yuechao LS2 (LCC-19); 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Armacost, Andrew H CIV MSC, N46
Subject: USS BLUE RIDGE: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4992

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772
To: Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

Attn: Marianne He

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4992) SCOTSMAN CLEAR-1 SCALE REMOVING COMPOUND, (Part# 19-0653-12 NICKEL SAFE ICE MACHINE CLEANER), NSN: None
(d) POC for the USS Blue Ridge (LCC-19): LS2 (SW) Zhao
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE
PHILADELPHIA PA 19111-5098

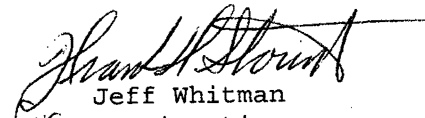
5450 CARLISLE PIKE - PO BOX 2020
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319
DSN & EXT 430-8319
FAX # 717-605-3480
IN REPLY REFER TO:
4030
Ser 0772/035
7 March 2014

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),
Pa., Code M0772
To: Commanding Officer, Naval Surface Warfare Center, Carderock
Division-Ship Systems Engineering Station (NSWCCD-SSES),
Code 635
Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML) FEEDBACK
REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4992)

1. Enclosure (1) contains a packet of two (2) SFR's (SFR# 4992) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.


Jeff Whitman
for By Direction

N0422, F0522, N0622, F0822, N0922, F1222, N1322, F1522 Air, Water or Remote Service Manual

Introduction

These ice machines are the result of years of experience with flaked and nugget ice machines. The latest in electronics has been coupled with the time tested Scotsman flaked ice system to provide reliable ice making and the features needed by customers.

The features include easily accessible air filters, simple conductivity water level sensing, evaporator clearing at shut down, photo-eye sensing bin control and the ability to add options.

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Air, Water or Remote Service Manual

Installation:

This machine is designed to be used indoors, in a controlled environment. Operation outside the limits listed here will void the warranty.

Air temperature limits

	Minimum	Maximum
Ice maker	50°F.	100°F.
Remote condenser	-20°F.	120°F.

Water temperature limits

	Minimum	Maximum
All models	40°F.	100°F.

Water pressure limits (potable)

	Minimum	Maximum
All models	20 psi	80 psi

Water pressure limit to water cooled condenser is 150 PSI

Voltage limits

	Minimum	Maximum
115 volt	104	126
208-230 60 Hz	198	253

Minimum conductivity (RO water)

- 10 microSiemens / CM

Water Quality (ice making circuit)

- Potable

The quality of the water supplied to the ice machine will have an impact on the time between cleanings and ultimately on the life of the product. Water can contain impurities either in suspension or in solution. Suspended solids can be filtered out. In solution or dissolved solids cannot be filtered, they must be diluted or treated. Water filters are recommended to remove suspended solids. Some filters have treatment in them for suspended solids.

Check with a water treatment service for a recommendation.

RO water. This machine can be supplied with Reverse Osmosis water, but the water conductivity must be no less than 10 microSiemens/cm.

Potential for Airborne Contamination

Installing an ice machine near a source of yeast or similar material can result in the need for more frequent sanitation cleanings due to the tendency of these materials to contaminate the machine.

Most water filters remove chlorine from the water supply to the machine which contributes to this situation. Testing has shown that using a filter that does not remove chlorine, such as the Scotsman Aqua Patrol, will greatly improve this situation.

Warranty Information

The warranty statement for this product is provided separately from this manual. Refer to it for applicable coverage. In general warranty covers defects in material or workmanship. It does not cover maintenance, corrections to installations, or situations when the machine is operated in circumstances that exceed the limitations printed above.

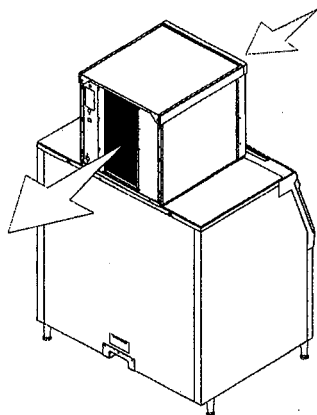
N0422, F0522, N0622, F0822, N0922, F1222, N1322, F1522 Air, Water or Remote Service Manual

Location:

While the machine will operate satisfactorily within the air and water temperature limits, it will produce more ice when those temperatures are nearer the lower limits. Avoid locations that are hot, dusty, greasy or confined. Air cooled models need plenty of room air to breathe. Air cooled models must have at least six inches of space on the left side for air intake; however, more space will allow better performance.

Airflow

Air flows into the front of the cabinet and out the back. The air filters are on the outside of the front panel and are easily removed for cleaning.



Options

Side air intake kits **KPFS A223** or **KPFS A227** for air cooled models.

The standard machine will make ice until ice fills the bin and blocks an infrared light beam inside the bottom of the machine. A field installed kit is available to adjust the ice level lower. That kit number is KVS.

The standard controller has excellent diagnostic capabilities and communicates to the user through the AutoAlert light panel, seen through the front panel. There is a field installed kit that can log data and provide additional information when the front panel is removed. That kit number is KSB U. A similar kit adds network connectivity, and its number is KSB U-N.

Bin compatibility

All models are the same width: 22 inches. All models are the same depth: 24 inches.

Bin & adapter list:

- B222S – no adapter needed
- B322S – no adapter needed
- B330P – Use KBT27
- B530P – Use KBT27
- B842S – Use KBT39
- B948S - Use KBT38 for a single unit
- B948S – Use KBT38-2X for two units side by side
- BH1100, BH1300 and BH1600 upright bins include filler panels to accommodate a 22 inch wide ice machine. No adapter is needed.

Dispenser compatibility

Only **nugget** ice models may be used with ice dispensers. Flaked ice is not dispensable.

- ID150 – use KBT42, KVS, KNUGDIV and R629088514
- ID200 – use KBT43 and KNUGDIV and KVS
- ID250 – use KBT43 and KNUGDIV and KVS

See sales literature for other brand model ice and beverage dispenser applications.

Other Bins & Applications:

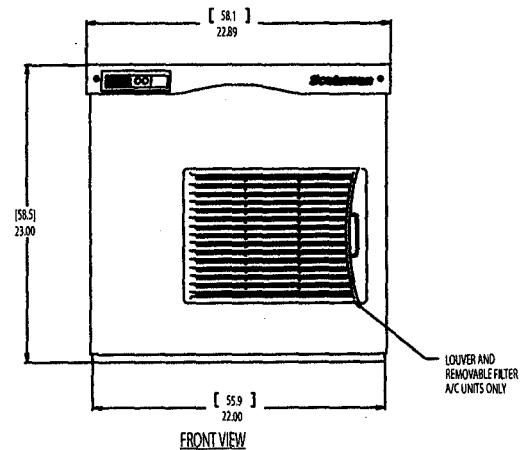
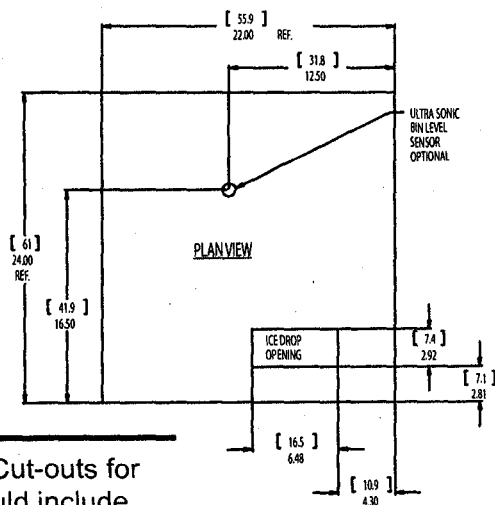
Note the drop zone and ultrasonic sensor locations in the illustrations on the next pages.

Scotsman ice systems are designed and manufactured with the highest regard for safety and performance.

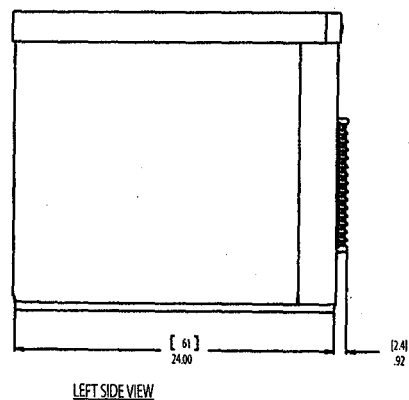
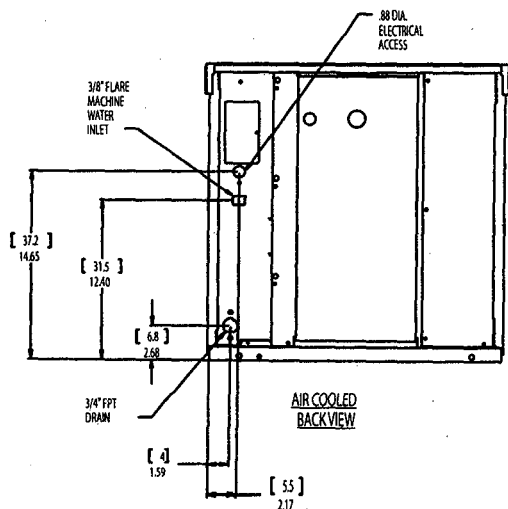
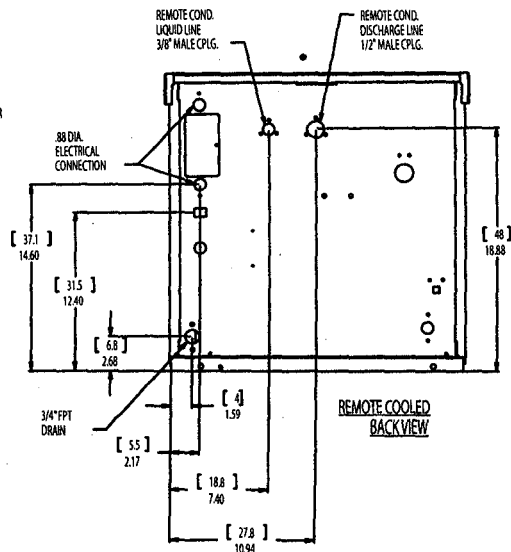
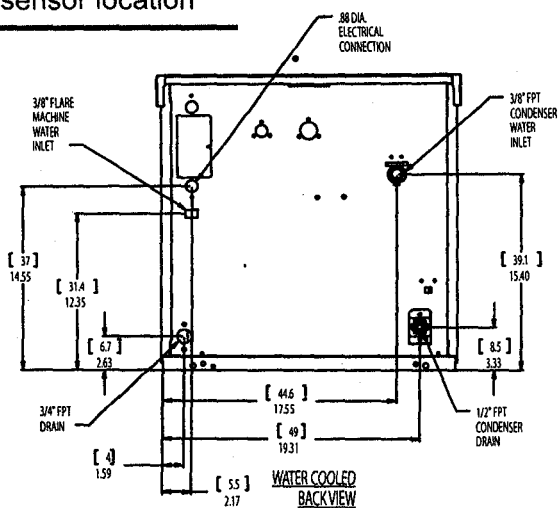
Scotsman assumes no liability of responsibility of any kind for products manufactured by Scotsman that have been altered in any way, including the use of any part and/or other components not specifically approved by Scotsman.

Scotsman reserves the right to make design changes and/or improvements at any time. Specifications and design are subject to change without notice.

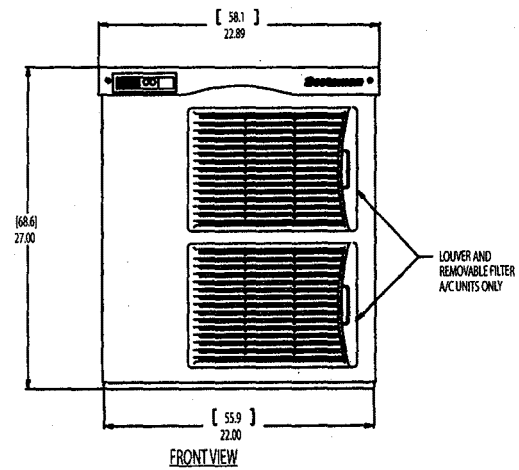
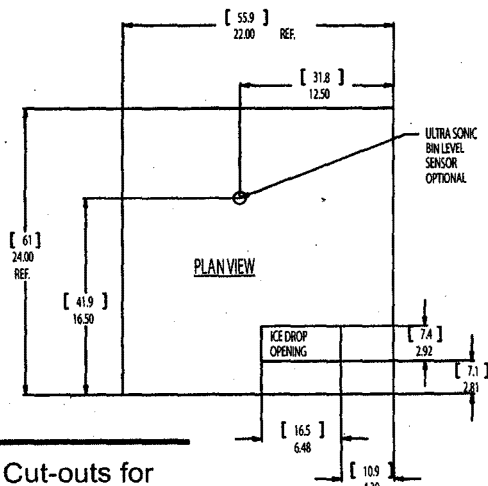
N0422, F0522, N0622, F0822, N0922, F1222, N1322, F1522
Air, Water or Remote Service Manual
F0522, F0822, N0522, or N0822 Cabinet Layout



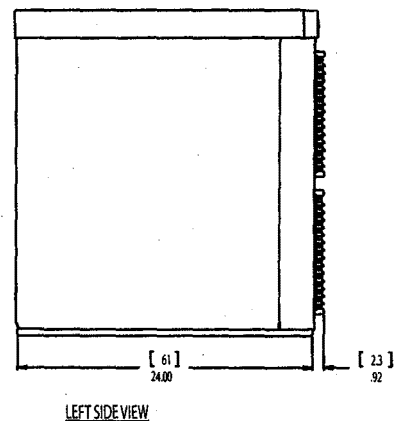
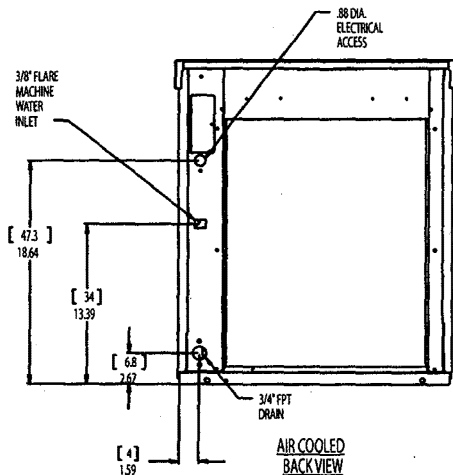
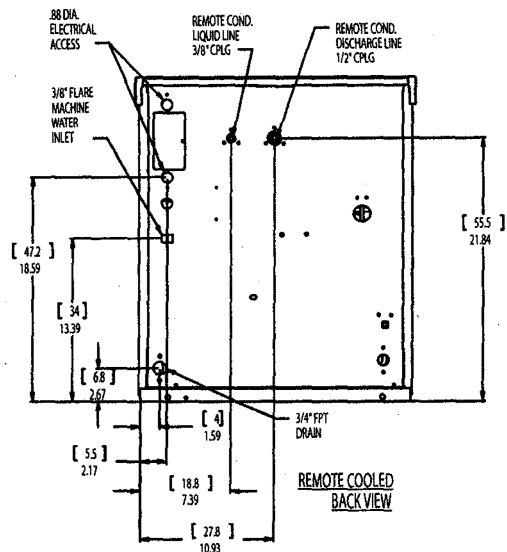
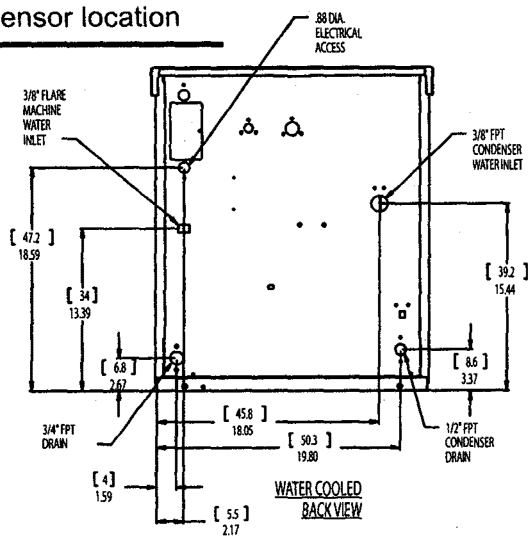
Note: Bin Top Cut-outs for drop zone should include ultrasonic sensor location



N0422, F0522, N0622, F0822, N0922, F1222, N1322, F1522
Air, Water or Remote Service Manual
F1222, F1522, N1222 or N1522 Cabinet Layout



Note: Bin Top Cut-outs for drop zone should include ultrasonic sensor location



N0422, F0522, N0622, F0822, N0922, F1222, N1322, F1522
Air, Water or Remote Service Manual

Unpacking & Install Prep

Remove the carton from the skid. Check for hidden freight damage, notify the carrier immediately if any is found. Retain the carton for the carrier's inspection.

The machine is not bolted to the skid. If strapped remove the strap.

Place on Bin or Dispenser

If reusing an existing bin, be sure that the bin is in good shape and that the gasket tape on the top is not torn up. Water leaks, not covered by warranty, could result from a poor sealing surface. If installing a remote or a remote low side, a new bin is recommended due to the high cost to the user of replacing an old bin when a remote system is on top.

Install the correct adapter, following the directions supplied with that adapter.

Hoist the machine onto the adapter.

Note: The machine is heavy! Use of a mechanical lift is recommended.

Position the machine on the bin or adapter. Secure with straps from the hardware bag packed with the machine, or those supplied with the adapter.

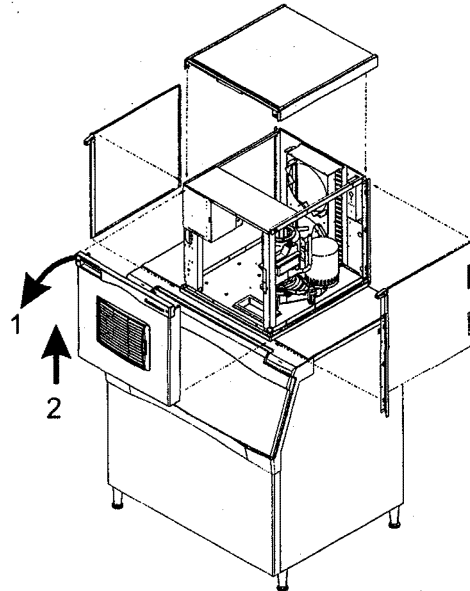
Remove any plastic covering the stainless steel panels.

Note: The standard machine set up includes visible on and off switches. Those can be covered up by changing the bezel in the front panel's trim strip. A cover-up bezel is included with the hardware bag.

Remove any packaging, such as tape or foam blocks, that may be near the gear reducer or ice chute.

Level the bin and ice machine front to back and left to right by using the bin leg levelers.

Panel Removal



1. Locate and loosen the two screws at the front edge of the top panel.

2. Pull the front panel out at the top until it clears the top panel.

3. Lift the front panel up and off the machine.

4. Remove two screws at the front of the top panel. Lift up the front of the top panel, push the top panel back an inch, then lift to remove.

5. Locate and loosen the screw holding each side panel to the base. Left side panel also has a screw holding it to the control box.

6. Pull the side panel forward to release it from the back panel.

Button Switch Bezel

To change bezels: Remove the front panel, and refer to the instruction label on the inside of the front panel. Push snaps of standard bezel in and pull the bezel out of the front panel trim strip.

Locate other bezel. Push into the trim strip from the front until it snaps into place. Return the front panel to its original position and secure it to the cabinet

N0422, F0522, N0622, F0822, N0922, F1222, N1322, F1522
Air, Water or Remote Service Manual

Water

The water supply for ice making must be cold, potable water. There is a single 3/8" male flare potable water connection on the back panel. Water cooled models also have a 3/8" FPT inlet connection for the water cooled condenser. Chilled water can also be used for this connection.

Drain

There is one 3/4" FPT condensate drain fitting at the back of the cabinet. Water cooled models also have a 1/2" FPT discharge drain connection on the back panel.

Tubing

Connect the potable water supply to the potable water fitting, 3/8" OD copper tubing or the equivalent is recommended.

Water filtration is recommended. If there is an existing filter, change the cartridge.

Connect the water cooled water supply to the condenser inlet.

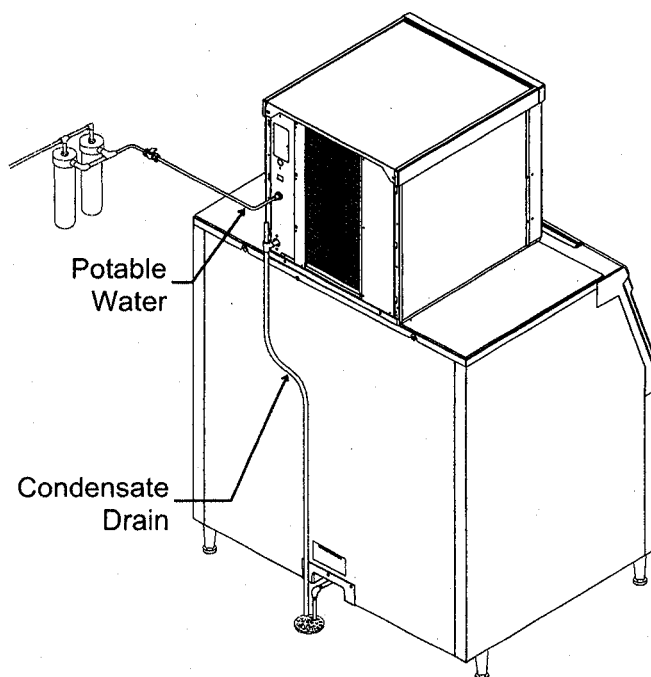
Note: Do NOT filter water to the water cooled condenser circuit.

Connect the drain tube to the condensate drain fitting.

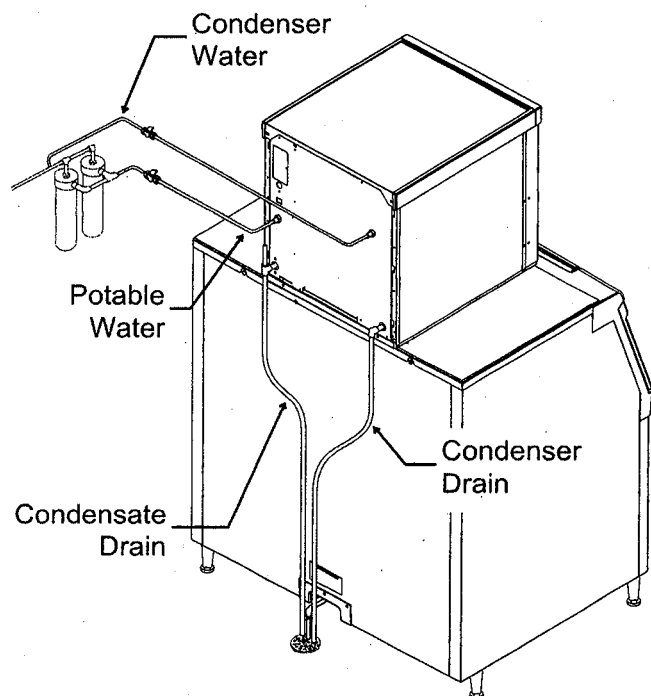
Connect the water cooled condenser drain tube to the condenser outlet.

Do not Tee ice machine drains into the drain tube from the ice storage bin or dispenser. Back ups could contaminate and / or melt the ice in the bin or dispenser.

Follow all local and national codes for tubing, traps and air gaps.



Air Cooled Plumbing



Water Cooled Plumbing

N0422, F0522, N0622, F0822, N0922, F1222, N1322, F1522
Air, Water or Remote Service Manual

Electrical

The machine does not include a power cord, one must be field supplied or the machine hard wired to the electrical power supply. The junction box for the electrical connection is on the back panel.

Electrical power is connected to wires inside the junction box in the back of the cabinet. Use a strain relief and connect a ground wire to the ground screw.

Refer to the dataplate on the machine for minimum circuit ampacity and determine the proper wire size for the application. The dataplate (on the back of the cabinet) also includes the maximum fuse size.

Do not use an extension cord.

Follow all local and national codes.

Model	Dimensions w" x d" x h"	Voltage Volts/Hz/Phase	Condenser Type	Min Circ Ampacity	Max Fuse Size or HACR Type Circuit Breaker
N0422A-1	22 x 24 x 23	115/60/1	Air	15.2	20
N0422W-1	same	111/60/1	Water	14.4	20
F0522A-1	same	115/60/1	Air	15.2	20
F0522W-1	same	115/60/1	Water	14.4	20
N0622A-1	same	115/60/1	Air	18.3	25
N0622W-1	same	115/60/1	Water	16.7	25
N0622R-1	same	115/60/1	Remote	19.4	25
N0622A-32	same	208-230/60/1	Air	9.8	15
N0622W-32	same	208-230/60/1	Water	8.9	15
F0822A-1	same	115/60/1	Air	18.3	25
F0822W-1	same	115/60/1	Water	16.7	25
F0822R-1	same	115/60/1	Remote	19.4	25
F0822A-32	same	208-230/60/1	Air	9.8	15
F0822W-32	same	208-230/60/1	Water	8.9	15
N0922A-32	22 x 24 x 27	208-230/60/1	Air	12.5	15
N0922W-32	same	208-230/60/1	Water	11.3	15
N0922R-32	same	208-230/60/1	Remote	12.3	15
N0922A-3	same	208-230/60/3	Air	13.0	15
N0922R-3	same	208-230/60/3	Remote	12.8	15
F1222A-32	same	208-230/60/1	Air	12.5	15
F1222W-32	same	208-230/60/1	Water	11.3	15
F1222R-32	same	208-230/60/1	Remote	12.3	15
F1222A-3	same	208-230/60/3	Air	13.0	15
F1222W-3	same	208-230/60/3	Water	11.8	15
F1222R-3	same	208-230/60/3	Remote	12.8	15
N1322A-32	same	208-230/60/1	Air	19.1	30
N1322W-32	same	208-230/60/1	Water	17.9	30
N1322R-32	same	208-230/60/1	Remote	18.9	30
F1522A-32	same	208-230/60/1	Air	19.1	30
F1522W-32	same	208-230/60/1	Water	17.9	30
F1522R-32	same	208-230/60-1	Remote	18.9	30

N0422, F0522, N0622, F0822, N0922, F1222, N1322, F1522
Air, Water or Remote Service Manual

Refrigeration - Remote Condenser Models

Remote condenser models have additional installation needs.

The correct remote condenser fan and coil must be connected to the ice making head. Liquid and discharge tubing connections are on the back of the ice machine cabinet. Pre-charged tubing kits are available in several lengths to accommodate most installations. Order the one that just exceeds the length needed for the installation.

The kit numbers are:

- RTE10
- RTE25
- RTE40
- RTE75

There are limits as to how far away from the ice machine and where the remote condenser can be located. See the next page for those limits.

The correct condenser must be used.

Ice Machine Model	Condenser Model
F0822R-1	ERC111-1
F1222R-32, F1222R-3	ERC311-32
N0622R-1, N0822R-1	ERC111-1
N0922R-32, N1222R-3	ERC311-32
N1322R-32	ERC311-32

Note: A headmaster is required for all remote condenser systems. Prior condensers did not have a headmaster. New head / old condenser retrofits can use headmaster kit KPFHM. See chart below for applications.

Prior Head	Prior Condenser	New Head
NME654R	ERC101	N0622R
FME804R	ERC101	F0822R
NME954R	ERC151	N0922R
FME1204R	ERC151	F1222R
NME1254R	ERC201	N1322R
FME1504R	ERC201	F1522R

Do not reuse condenser coils contaminated with mineral oil (used with R-502 for example). They will cause compressor failure and will void the warranty.

N0422, F0522, N0622, F0822, N0922, F1222, N1322, F1522
Air, Water or Remote Service Manual

Remote Condenser Location - Limits

Use the following for planning the placement of the condenser relative to the ice machine

Location Limits - condenser location must not exceed ANY of the following limits:

- Maximum rise from the ice machine to the condenser is 35 physical feet
- Maximum drop from the ice machine to the condenser is 15 physical feet
- Physical line set maximum length is 100 feet.
- Calculated line set length maximum is 150.

Calculation Formula:

- Drop = $dd \times 6.6$ (dd = distance in feet)
- Rise = $rd \times 1.7$ (rd = distance in feet)
- Horizontal Run = $hd \times 1$ (hd = distance in feet)
- Calculation: Drop(s) + Rise(s) + Horizontal
- Run = $dd + rd + hd$ = Calculated Line Length

Configurations that do NOT meet these requirements must receive prior written authorization from Scotsman to maintain warranty.

Do NOT:

- Route a line set that rises, then falls, then rises.
- Route a line set that falls, then rises, then falls.

Calculation Example 1:

The condenser is to be located 5 feet below the ice machine and then 20 feet away horizontally.

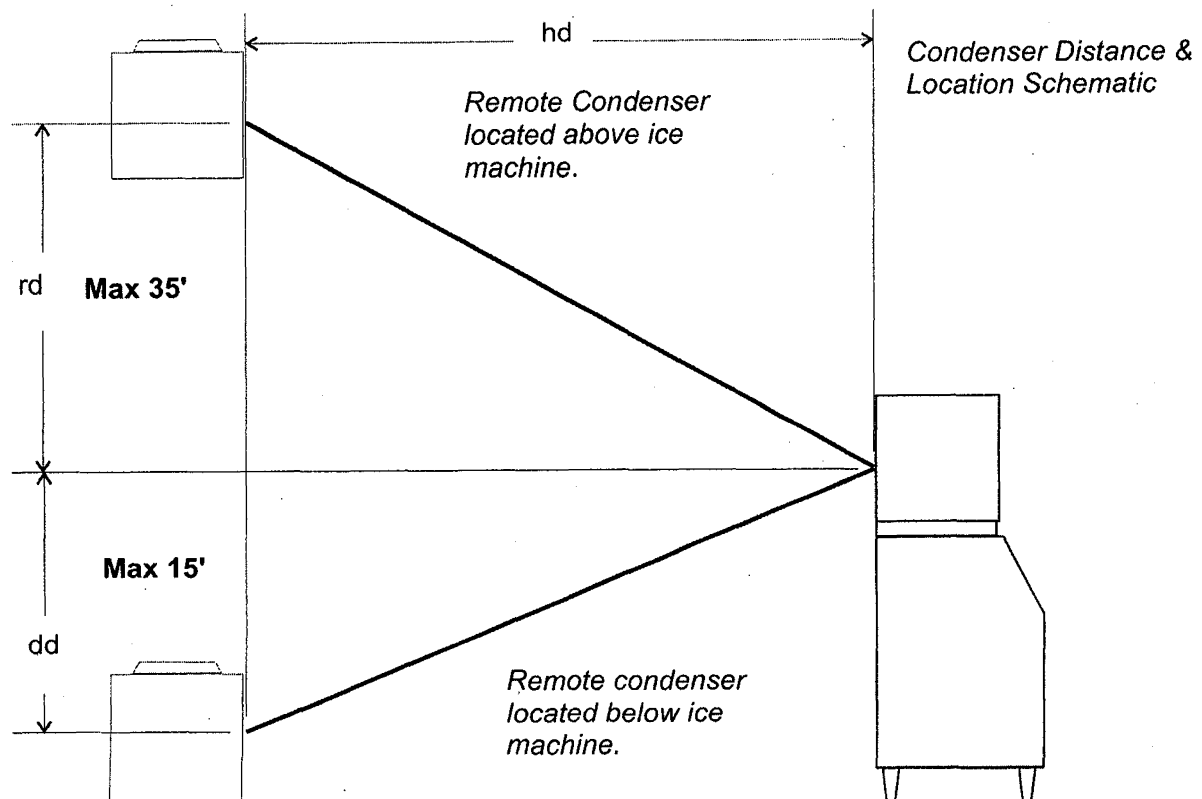
$5 \text{ feet} \times 6.6 = 33$. $33 + 20 = 53$. This location would be acceptable

Calculation Example 2:

The condenser is to be located 35 feet above and then 100 feet away horizontally. $35 \times 1.7 = 59.5$.

$59.5 + 100 = 159.5$. 159.5 is greater than the 150 maximum and is NOT acceptable.

Operating a machine with an unacceptable configuration is misuse and will void the warranty.



N0422, F0522, N0622, F0822, N0922, F1222, N1322, F1522
Air, Water or Remote Service Manual

For The Installer: Remote Condenser

Locate the condenser as near as possible to the interior location of the ice machine.

Keep condenser at least 2 feet from a wall or other rooftop equipment.

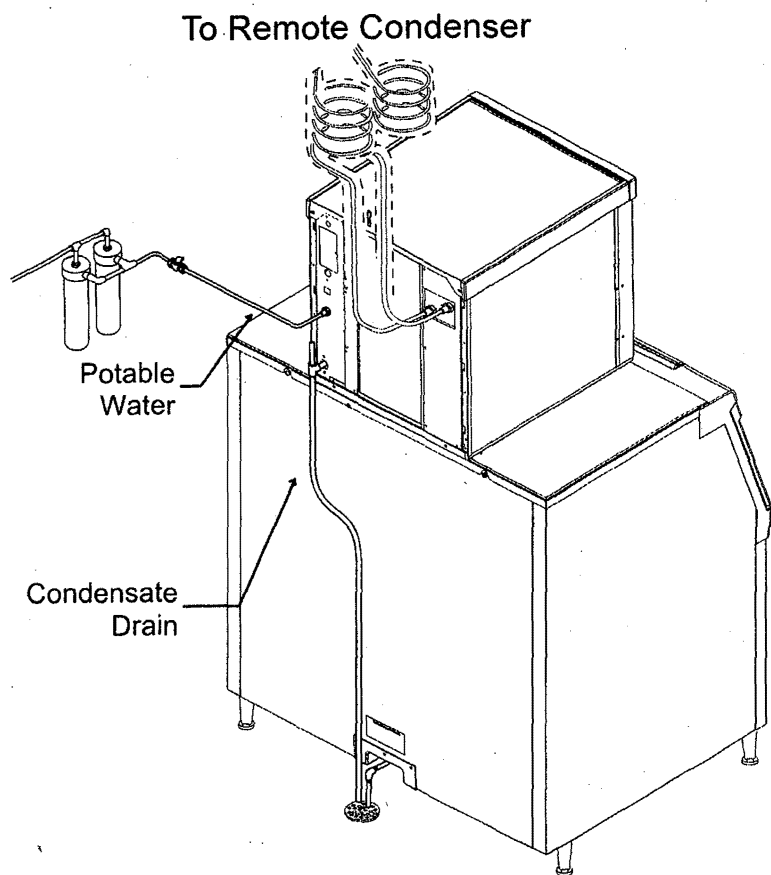
Note: The location of the condenser is relative to the ice machine is **LIMITED** by the specification on the prior page.

Roof penetration. In many cases a roofing contractor will need to make and seal the hole in the roof for the line sets. The suggested hole diameter is 2 inches.

Meet all applicable building codes.

Roof Attachment

Install and attach the remote condenser to the roof of the building, using the methods and practices of construction that conform to the local building codes, including having a roofing contractor secure the condenser to the roof.



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Air, Water or Remote Service Manual

Precharged Line Routing

Do not connect the precharged tubing until all routing and forming of the tubing is complete. See the Coupling Instructions for final connections.

1. Each set of pre-charged tubing lines contains a 3/8" diameter liquid line, and a 1/2" diameter discharge line. Both ends of each line have quick connect couplings, the end without access valves goes to the ice maker.

Note: The openings in the building ceiling or wall, listed in the next step, are the minimum sizes recommended for passing the refrigerant lines through.

2. Have the roofing contractor cut a minimum hole for the refrigerant lines of 2". Check local codes, a separate hole may be required for the electrical power supply to the condenser.

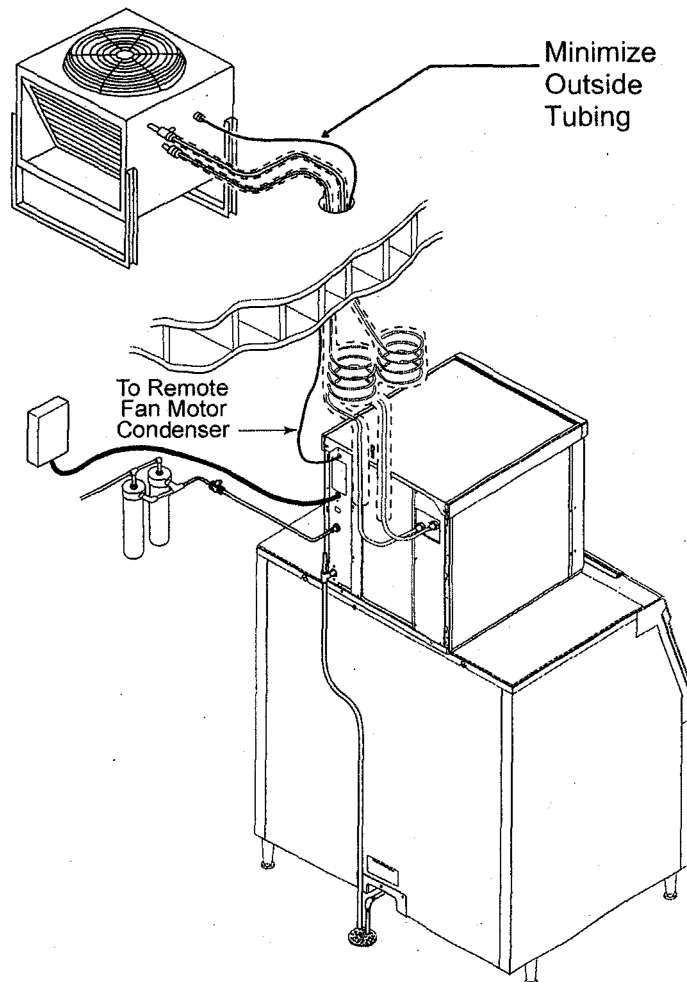
Caution: Do NOT kink the refrigerant tubing while routing it.

3. Route the refrigerant tubes thru the roof opening. Follow straight line routing whenever possible. Excess tubing may EITHER be coiled up INSIDE the building OR cut out prior to connection to the ice maker and condenser.

If the excess tubing is cut out, after re-brazing the tubing must be evacuated prior to connection to the ice maker or condenser.

If the excess tubing is to be coiled, spiral it horizontally to avoid excess trapping in the lines.

5. Have the roofing contractor seal the holes in the roof per local codes



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Air, Water or Remote Service Manual

Coupling Instructions

The couplings on the ends of the pre-charged line sets are self-sealing when installed properly.

Follow these instructions carefully.

These steps must be performed by an EPA Certified Type II or higher technician.

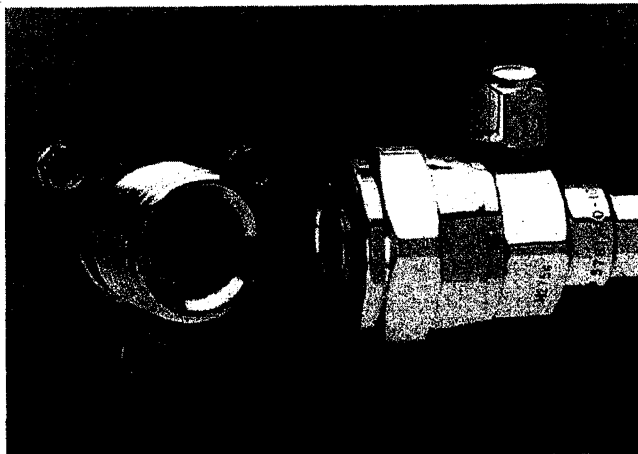
Initial Connections

1. Remove the protector caps and plugs. Wipe the seats and threaded surfaces with a clean cloth to remove any possible foreign matter.
2. Lubricate the inside of the couplings, especially the O-rings, with refrigerant oil. Oil packets are supplied with Scotsman line sets.
3. Position the fittings on the correct connections on the condenser and ice machine.

- 1/2" discharge
- 3/8" liquid line

Final Connections:

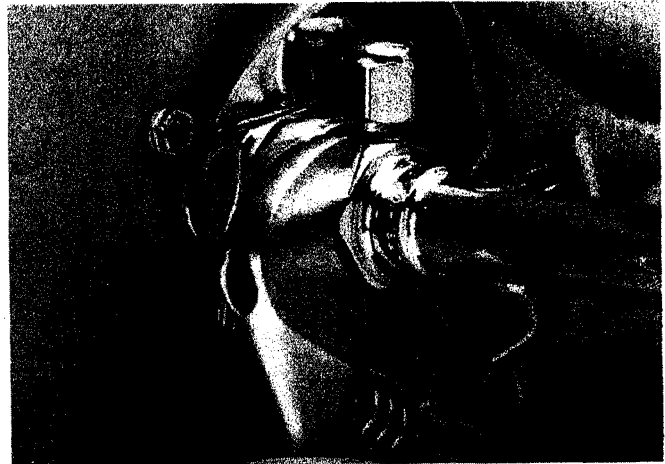
4a. Begin by tightening the couplings together by hand until it is certain that the threads are properly engaged.



4b. Then using two wrenches tighten the coupling until it bottoms out or a definite increase in resistance is felt.

It is important that **ONLY** the nut on the pre-charged tube be turned, or the diaphragms will be torn out by the piercing knives and they will be

loose in the refrigeration system. Note: As the couplings are tightened, the diaphragms in the quick connect couplings will begin to be pierced. As that happens, there will be some resistance to tightening the swivel nut.



4c. Continue tightening the swivel nut until it bottoms out or a very definite increase in resistance is felt (no threads should be showing).

Critical Step!

5. Use a marker or pen to mark a line on the coupling nut and unit panel. Then tighten the coupling nut an additional one-quarter turn. The line will show the amount that the nut turns. Do **NOT** over tighten.



6. After all connections have been made, and after the receiver outlet valve has been opened (do not open yet), check the couplings for leaks.

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Final Check List

After connections,

1. Wash out the bin. If desired, the interior of the bin could be sanitized.
2. Locate the ice scoop (if supplied) and have it available for use when needed.
3. Remote only: Switch on the electrical power. Do not start the machine for 4 hours.

Final Check List:

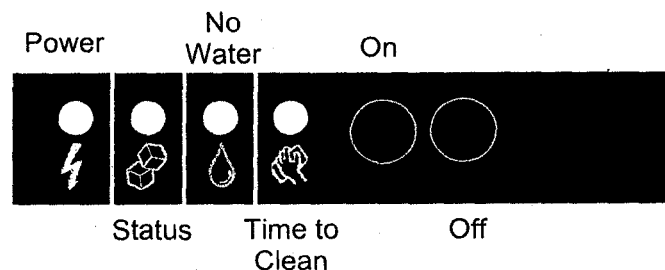
1. Is the unit located indoors in a controlled environment?
2. Is the unit located where it can receive adequate cooling air?
3. Has the correct electrical power been supplied to the machine?
4. Have all the water supply connections been made?
5. Have all the drain connections been made?
6. Has the unit been leveled?
7. Have all unpacking materials and tape been removed?
8. Has the protective covering on the exterior panels been removed?
9. Is the correct bezel installed in the trim strip?
10. Is the water pressure adequate?
11. Have the drain connections been checked for leaks?
12. Has the bin interior been wiped clean or sanitized?
13. Have any water filter cartridges been replaced?
14. Have all required kits and adapters been properly installed?

Control Operation

Use and Operation

Once started, the ice machine will automatically make ice until the bin or dispenser is full of ice. When ice level drops, the ice machine will resume making ice.

Caution: Do not place anything on top of the ice machine, including the ice scoop. Debris and moisture from objects on top of the machine can work their way into the cabinet and cause serious damage. Damage caused by foreign material is not covered by warranty.



There are four indicator lights at the front of the machine that provide information on the condition of the machine.

Indicator Lights:

- Power
- Status
- Water
- De-scale & Sanitize

Note: If the De-Scale & Sanitize light is ON, following the cleaning process will clear the light for another cleaning time interval.

Two button switches are at the front – On and Off.

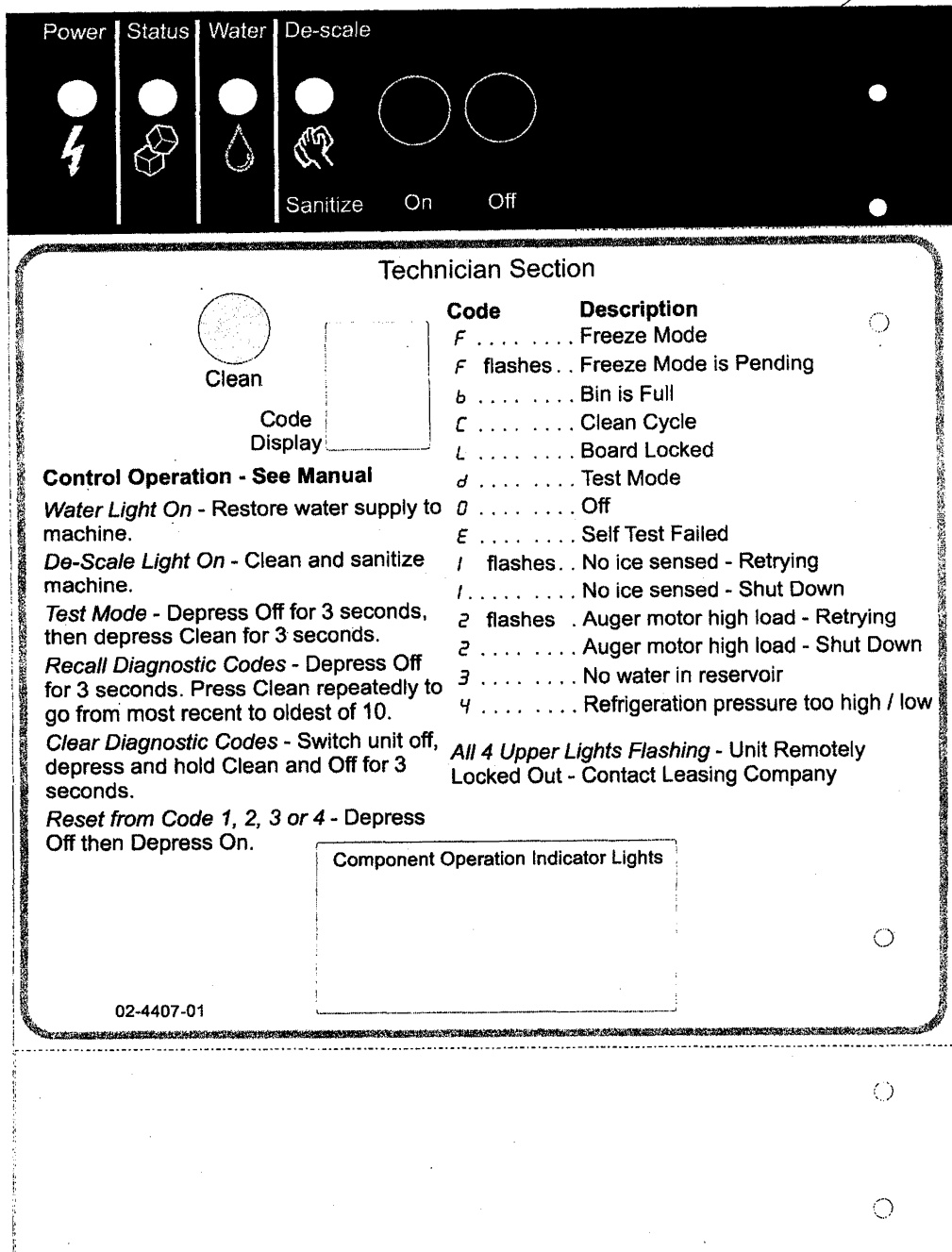
To switch the machine OFF, push and release the Off button. The machine will shut off at the end of the next cycle.

To switch the machine ON, push and release the On button. The machine will go through a start up process and then resume ice making.

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Air, Water or Remote Service Manual

Controller

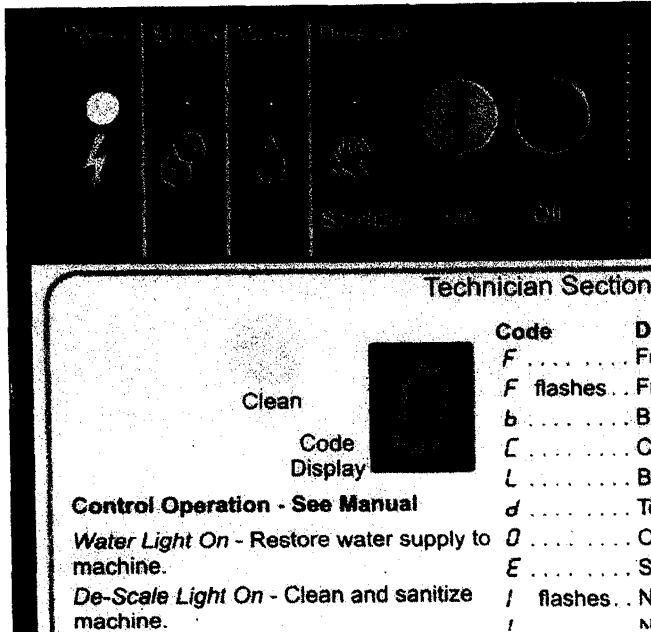
Location of
Optional
Vari-Smart



Location of
Optional
Smart-Board

AutoAlert and Display Code

The controller uses indicator lights to provide the user with information on Power, Status, Water or Time to Clean. These are known as the AutoAlert panel.



Code	Description
F	Freeze Mode
F flashes . .	Freeze Mode is Pending
b	Bin is Full
C	Clean Cycle
L	Board Locked
d	Test Mode
0	Off
E	Self Test Failed
1 flashes . .	No ice sensed - Retrying
1	No ice sensed - Shut Down
2 flashes . .	Auger motor high load - Retrying
2	Auger motor high load - Shut Down
3	No water in reservoir
4	Refrigeration pressure too high / low
<i>All 4 Upper Lights Flashing - Unit Remotely Locked Out - Contact Leasing Company</i>	

Additionally a 7 segment display is under the front panel. It shows operational status or problem codes.

The Power light is on Green anytime the machine is supplied with electrical power.

The Status light is on Green when the machine has been switched to the ice making mode. It will also blink green if the unit has been equipped with an optional Smart-Board AND the Smart-Board has detected potential malfunction.

The Water light will blink Red if the water sensor does not detect water.

The De-Scale / Sanitize light will glow Yellow when the time to clean timer has reached its set time since the last cleaning. It also blinks during the first part of the cleaning mode.

Component Indicator Lights

The controller has six lights to indicate component operation:

Bin Eyes Blocked

- This light is ON when the photo-electric ice sensors have been blocked by ice.

Water Present

- This light is ON when the water sensor has water touching it.

Comp

- This light is ON when the compressor is operating.

Water Dispense

- Not used on this model.

Auger

- This light is ON when the auger motor is operating.

Ice Dispense

- Not used this model.

Control Button Use

Recall diagnostic code:

- Hold off button in for 3 seconds. Release.
- Press and release the Clean button to cycle through each of the last 10 error codes from most recent to oldest.

Clear diagnostic code:

- Hold Clean and Off buttons in for 3 seconds to clear all prior codes.

Reset control:

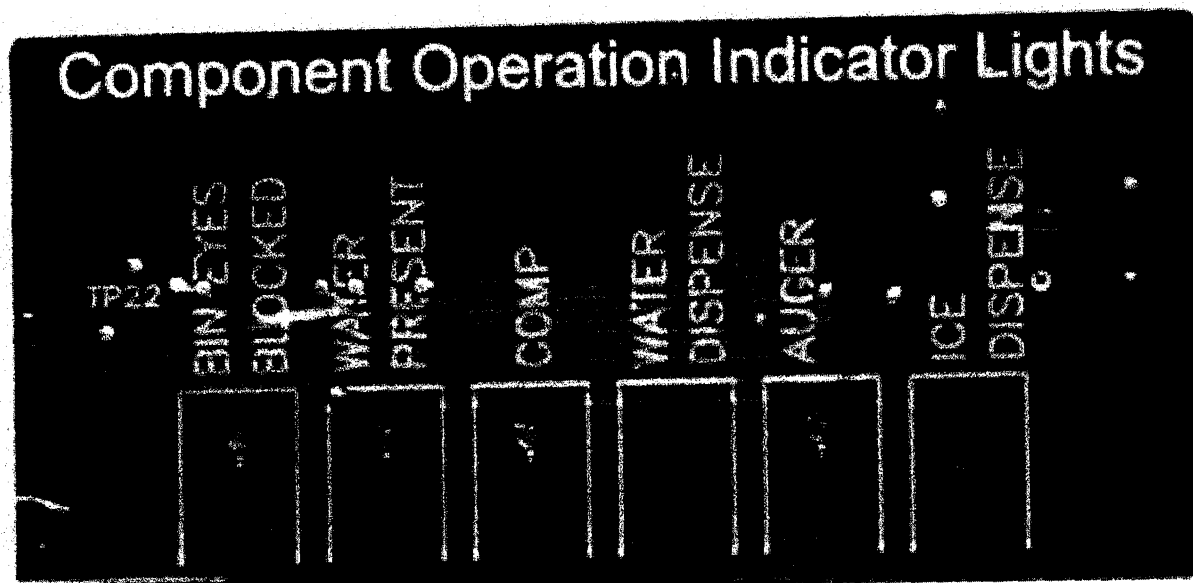
- Depress and release Off, then depress and release On

Start Test Mode:

- Hold Off button in for 3 seconds. Release.
- Hold Clean button in for 3 seconds. Release.

Lock / Unlock control:

- Hold On button in for 3 seconds, keep holding then press and release Off twice.



Electrical Component Details

Compressor

- Operated by the compressor contactor.

Contactors

- Operated by the controller. Line voltage coil. When energized the Compressor indicator light will be ON.

Fan Motor(s)

- Operated by the contactor

High pressure cut out

- All models have a high pressure cut out switch that signals the controller if the discharge pressure is too high. It is an automatic reset.

Low pressure switch

- On remote models it controls the compressor contactor. Will close on pressure rise, pressure rises when liquid line valve opens. Opens at a lower pressure.
- Air and Water cooled models use a low pressure cut out.

Liquid line valve

- Remote only. Opened by the controller to start ice making. Closed to shut unit off. Line voltage coil.

Controller

- Senses water, ice making, discharge pressure, low side pressure, and auger amps. Controls compressor contactor, fan motor, and auger motor. Indicates status and component operation.

Transformer

- 12 volt secondary, supplies power to controller only. The Power light will be ON when the transformer has provided 12 volts AC to the controller.

Water Level Sensor

- Two probe conductivity sensor. When water touches it the Water Present light will be ON.

Auger Motor

- Four pole, split phase motor that operates the gear reducer. When operating, the Auger indicator light will be ON. The gear reducer lowers the input speed from about 1500 RPM to 11. Auger rotation is CCW when viewed from above.

Photo-electric eyes

- An LED emitter and photo transistor receiver set. Pulsed infrared light is continuously emitted and received to detect ice in the chute.

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Refrigeration

Refrigerant: R-404A

Compressors: Copeland or Tecumseh hermetic
by model

Expansion valve: Non adjustable, internally
equalized.

Condensers: Air is forced draft type, water cooled
is counterflow type.

Air filters: Surface mounted to panels. Filter media
removable without removing panels.

Fan blades: Reduced vibration blades in most air
cooled models.

Remote Systems: Head pressure control valve in
condenser. Headmaster protected by filters (not
filter driers). Controller pumps unit down by closing
the liquid line valve. Pump down switch controls the
compressor..

High pressure cut out. WC, RC, AC

Low pressure cut out, WC, AC

Pump down pressure switch, RC

Evaporator: Coil-wrapped stainless steel with a
stainless steel, double-flight auger inside.

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Air, Water or Remote Service Manual

Initial Start Up

1. Turn the water supply on.
2. Switch the electrical power on. Confirm voltage is correct for the model.
3. Push and release the On button. The machine will start in about two minutes.
4. Soon after starting, air cooled models will begin to blow warm air out the back of the cabinet and water cooled models will drain warm water from the condenser drain tube. Remote models will be discharging warm air from the remote condenser. After about 5 minutes, ice will begin to drop into the bin or dispenser.
5. Check the machine for unusual rattles. Tighten any loose screws, be sure no wires are rubbing moving parts. Check for tubes that rub.
6. Fill out the warranty registration form and either file it on line or mail it.
7. Notify the user of the maintenance requirements and whom to call for service.

Change De-Scale Notification Interval

This feature is accessible only from standby (Status Light Off).

1. Press and hold Clean button for 3 seconds.

This starts the Time to Clean Adjustment State and displays the current time to clean setting.

2. Press the clean button repeatedly to cycle through the 4 possible settings:

- 1 year (8760 hours)
- 0 (disabled)
- 4 months (2920 hrs)
- 6 months (4380 hours) (default)

3. Push Off to confirm the selection.

N0422, F0522, N0622, F0822, N0922, F1222, N1322, F1522

Air, Water or Remote Service Manual

Sequence of Operation

The ice machine's function is to continuously produce ice until the ice level control senses that there is enough ice in the bin or dispenser. There are three systems that operate in close coordination to make ice. They are the electrical system, the water system and the refrigeration system.

The electrical system includes the compressor, auger drive assembly, fan motor and control system (the auger drive assembly includes the gear reducer, auger and top bearing).

The water system includes the float valve, reservoir, inside of the evaporator and the drain tubing.

The refrigeration system includes the compressor, condenser, expansion valve and outside of the evaporator.

Control System

As noted, the electrical system includes a control system. The control system consists of a controller and sensors. It automatically operates the machine to make ice only when needed. It also monitors the refrigeration system, water system and auger drive assembly for proper function.

Sensors are used to monitor the machine. A continuity probe water sensor is located near the float reservoir. A tube from the float tank allows water to touch the sensor's two stainless steel probes, making a connection between them. That signals to the controller the presence of water. The controller will not allow the machine to make ice unless this sensor's probes have continuity.

A set of photo-electric eyes (infrared emitter and receiver) is located at the base of the ice discharge chute. They are used to sense ice. As ice is made, it falls through the infrared beam from the emitter, causing the receiver to detect it. When ice has filled the bin, the top of the ice pile will continuously stop the beam, breaking the light to the receiver, and that signals to the controller that the bin is full.

Additionally, the control system uses the photo-eyes to confirm ice making. As the machine makes ice, the falling ice causes breaks in the infrared beam. In operation, the first 6 minutes of ice making are ignored to give the machine time to start producing ice. After that, the controller will look for a minimum of one beam-break in 10 minutes. If this is not achieved, the control will shut the machine down for 10 minutes and add the incident to a strike counter. During the wait period, a 1 will be flashing in the code display.

After the 10 minute wait, the machine will restart. If no ice is sensed three times in a row, the machine will shut down on a no ice error and must be manually reset. The 1 in the code display will change from flashing to continuous.

If ice is detected within 10 minutes after any restart, the strike counter will be reset to zero, and the code display will show F, for freeze mode.

The auger drive motor amperage is monitored by the controller. If the auger motor is overloaded and is drawing too many amps, the controller will shut the machine off, and a 2 will be flashing in the code display. The controller will attempt a restart of the auger motor in 4 minutes. If during the first 60 seconds after restart the auger motor current stays within limits, the compressor is restarted and the machine returns to normal operation. If the auger motor's current is excessive within 60 seconds after the restart, the process will be repeated once more. If during that try the current is still excessive the machine shuts down and must be manually reset. The 2 in the code display will change from flashing to continuous.

Water System

The water level in the evaporator is maintained by a float valve in a separate reservoir. As ice is made, and water is used, the water level in the reservoir drops, opening the float valve. The open valve adds water to the reservoir to resupply it.

N0422, F0522, N0622, F0822, N0922, F1222, N1322, F1522 Air, Water or Remote Service Manual

Refrigeration System

The refrigeration system is monitored by the high pressure cut out switch. If the refrigeration discharge pressure exceeds the pre-set point of the switch, it will open, causing the controller to shut the machine off. The discharge pressure control is an automatic reset switch, and after the discharge pressure drops, the controller will restart the unit. A 4 in the code display indicates high discharge pressure.

The refrigeration system is also monitored by the low pressure cut out switch. If the refrigeration low side pressure drops below a pre-set point, the switch will open. When that occurs, the controller will shut the machine off. The low pressure cut out switch is an automatic reset switch and after the low side pressure increases to the cut in point, the controller will restart the machine. A 4 will show in the code display to indicate low suction pressure.

Note: the low pressure control for a Remote is a pump down switch, and when it opens the compressor stops and no change is noted by the controller.

Electrical Sequence

Pushing and releasing the On button starts the machine. The sequence of operation begins with water. Water must be sensed or the controller will not start the ice making process. If there is no water, a 3 will show in the code display. If there is water, and there is nothing blocking the infrared beam of the ice sensors, the controller will start the machine. A flashing F will show in the code display while the auger drive motor starts up. When it has started, the compressor will start and the flashing F will change to a continuous F. This continues until the ice level control senses a full bin, at that time the compressor is shut off, and the auger motor continues to operate for a short time to clear the evaporator of any left over ice. A b will show in the code display.

Indicator Lights & Their Meanings					
		Power	Status	Water	De-Scale & Sanitize
Light Actions	Steady Green	Normal	Normal	-	-
	Blinking Green	Self Test Failure	Switching on or off. When Smart-Board used, machine attention recommended.	-	-
	Blinking Red	-	Diagnostic shut down	Lack of water	-
	Yellow	-	-	-	Time to descale and sanitize
	Blinking Yellow	-	-	-	In Cleaning Mode
	Light Off	No power	Switched to Off	Normal	Normal
	All Blinking	Unit is remotely locked out - check with leasing company			

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Air, Water or Remote Service Manual

Water System

Water enters the machine through the 3/8" male flare at the rear of the cabinet, goes to the water reservoir which it enters through the float valve.

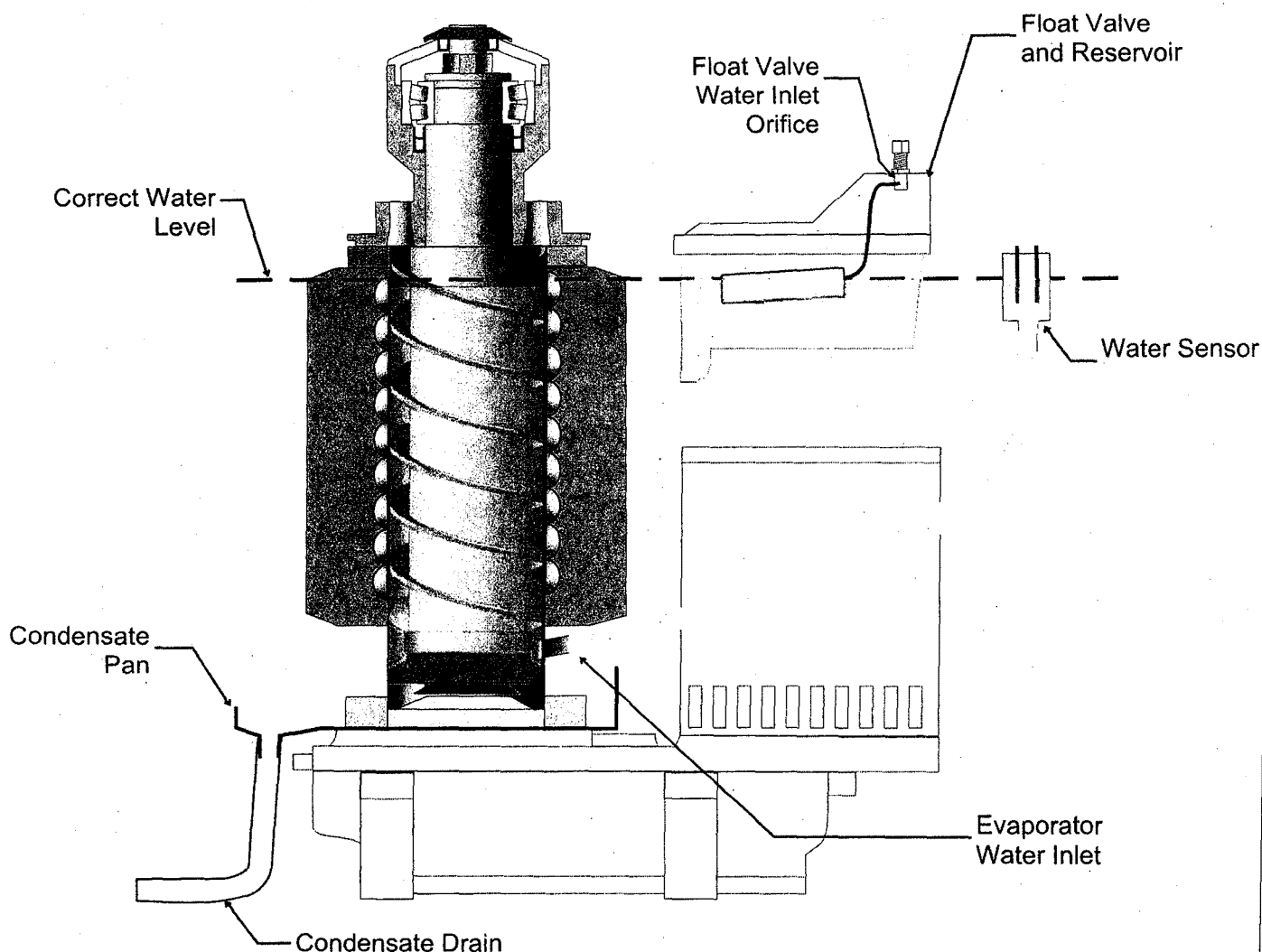
The float valve maintains a constant level of water in the reservoir and evaporator, as water flows out the bottom of the reservoir tank to fill the evaporator.

Reservoir overflow or evaporator condensation is routed to the drain. Water cooled models have a separate water circuit for the cooling water: it enters the fitting at the rear, goes to the water

regulating valve, then to the water cooled condenser and down the drain.

Water Level: The correct water level should be checked when the machine is making ice. Check the water level in the reservoir and compare it to the horizontal line molded into the side of the reservoir.

The correct level should be between 1/8" above and 1/4" below the line. If needed, bend the float arm up or down to adjust the water level.



Water System Schematic

Air Cooled Refrigeration

The compressor concentrates the heat from ice making into high pressure, hot discharge gas. The high pressure forces the gas to the water cooled condenser.

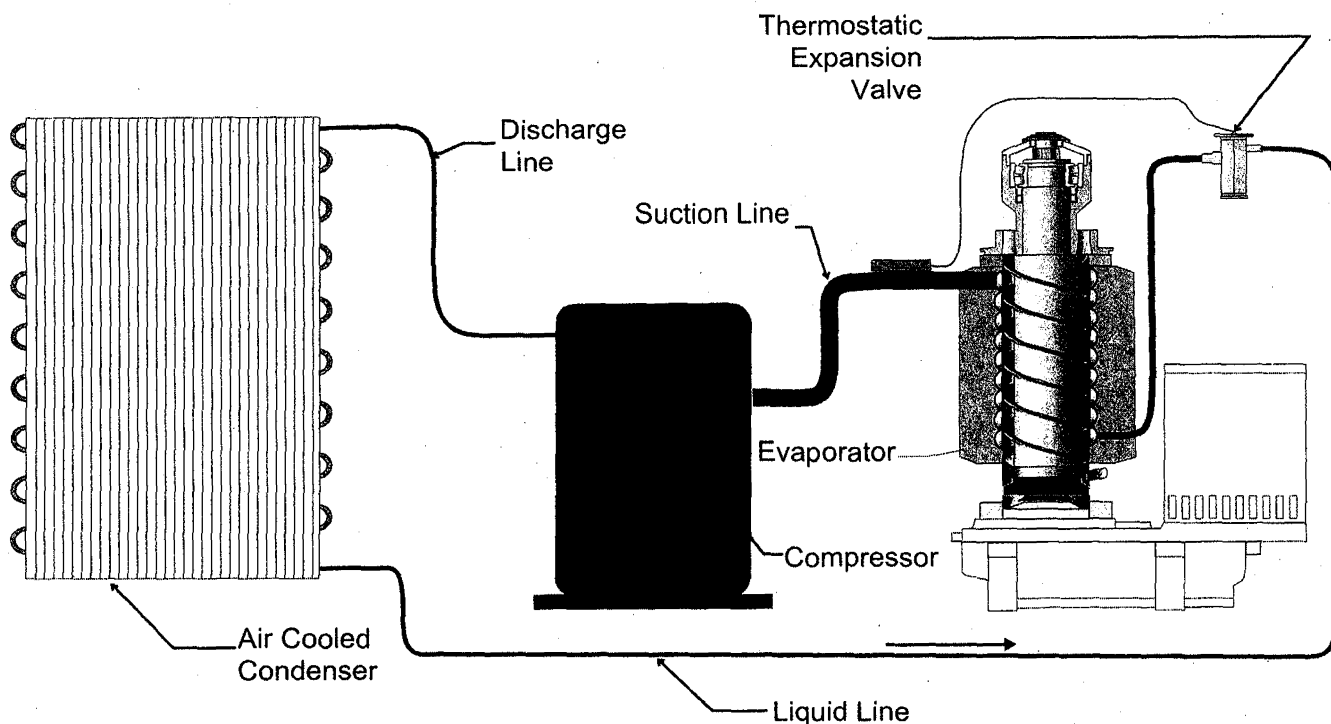
At the condenser, refrigerant gas flows through a serpentine tube that is connected to fins. Room air is forced by a fan motor through the fins. As the relatively cooler air comes in contact with the fins and tubing, heat flows from the hot refrigerant gas into the fins and tubing and into the cooler air passing over them. When the refrigerant cools, it condenses into a liquid.

From the condenser the high pressure liquid refrigerant flows through the liquid line to the metering device - a thermostatic expansion valve.

At the expansion valve, liquid refrigerant passes from a high pressure zone to one of relatively low pressure, and in the low pressure zone it evaporates.

The low pressure zone where the refrigerant evaporates is the evaporator. The evaporator is a vertical metal tube surrounded by a coil of tubing, which the refrigerant flows through. As refrigerant evaporates in the coil, it absorbs heat from the metal parts of the evaporator and the water inside it. As the auger inside the evaporator turns, ice is continuously forced out of the evaporator and make up water flows in.

From the evaporator, the refrigerant, carrying the heat from ice making, flows back to the compressor through the suction line, and the cycle continues.



Refrigeration Schematic

Water Cooled Refrigeration

The compressor concentrates the heat from ice making into high pressure, hot discharge gas. The high pressure forces the gas to the water cooled condenser.

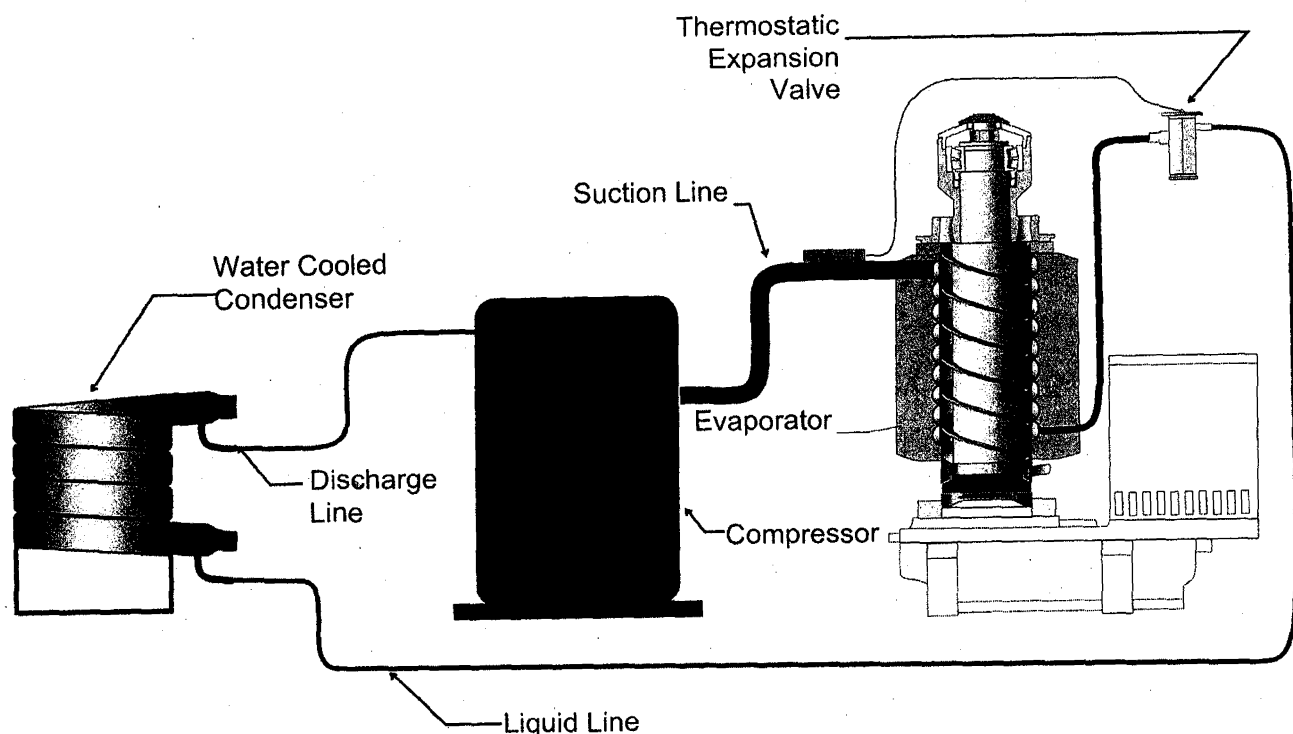
At the condenser, refrigerant gas and water flow through connected parallel tubes, but in opposite directions. Heat moves from the hotter discharge gas to the cooler water, and the refrigerant condenses into a liquid. The water flows out of the condenser warmed up to about 110°F. Water flow is controlled by a water regulating valve on the inlet of the condenser's water circuit.

From the condenser the high pressure liquid refrigerant flows through the liquid line to the metering device - a thermostatic expansion valve.

At the expansion valve, liquid refrigerant passes from a high pressure zone to one of relatively low pressure, and in the low pressure zone it evaporates.

The low pressure zone where the refrigerant evaporates is the evaporator. The evaporator is a vertical metal tube surrounded by a coil of tubing, where the refrigerant flows through. When the refrigerant evaporates in the coil, it absorbs heat from the metal parts of the evaporator and the water inside it. As the auger inside the evaporator turns, ice is continuously forced out of the evaporator and make up water flows in.

From the evaporator, the refrigerant, carrying the heat from ice making, flows back to the compressor through the suction line, and the cycle continues.



Refrigeration Schematic

Remote Air Cooled Refrigeration

The compressor concentrates the heat from ice making into high pressure, hot discharge gas. The high pressure forces the gas to the remote condenser. At the remote condenser, the discharge gas will either enter the coils or bypass them through the headmaster. The head master maintains a minimum discharge pressure to keep flash gas out of the liquid line.

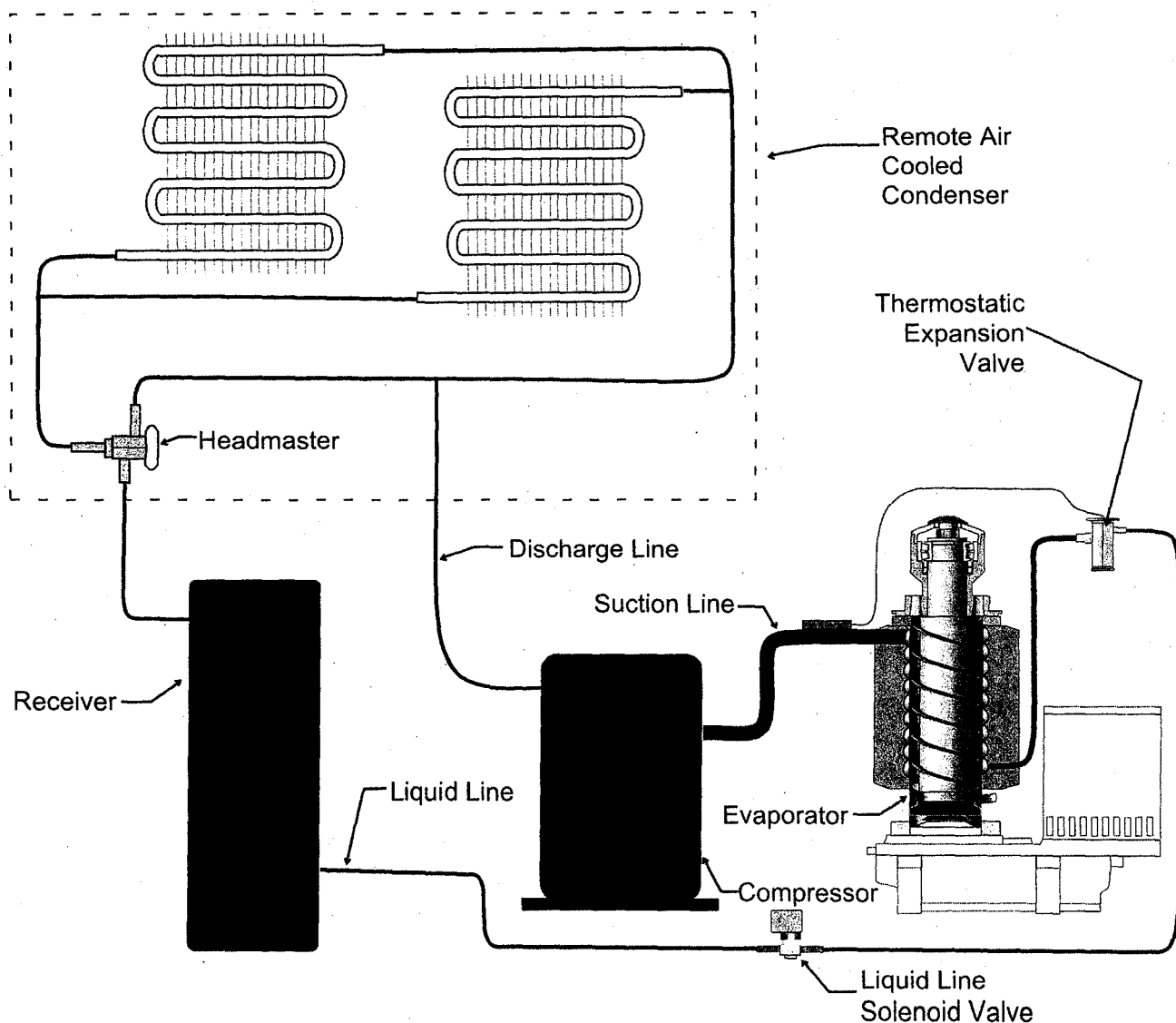
From the condenser, refrigerant flows to the receiver. It can be either liquid or gas, depending upon the modulation of the head master.

From the receiver, liquid refrigerant flows to the thermostatic expansion valve. At the expansion

valve, liquid refrigerant passes from a high pressure zone to one of relatively low pressure, and in the low pressure zone it evaporates, absorbing heat.

From the evaporator, the refrigerant, carrying the heat from ice making, flows back to the compressor through the suction line, and the cycle continues.

When enough ice has been made, the control system closes the liquid line solenoid valve and the machine pumps down, forcing refrigerant out of the low side until the pump down pressure switch stops the compressor.



Refrigeration Schematic

N0422, F0522, N0622, F0822, N0922, F1222, N1322, F1522
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How Ice Is Made

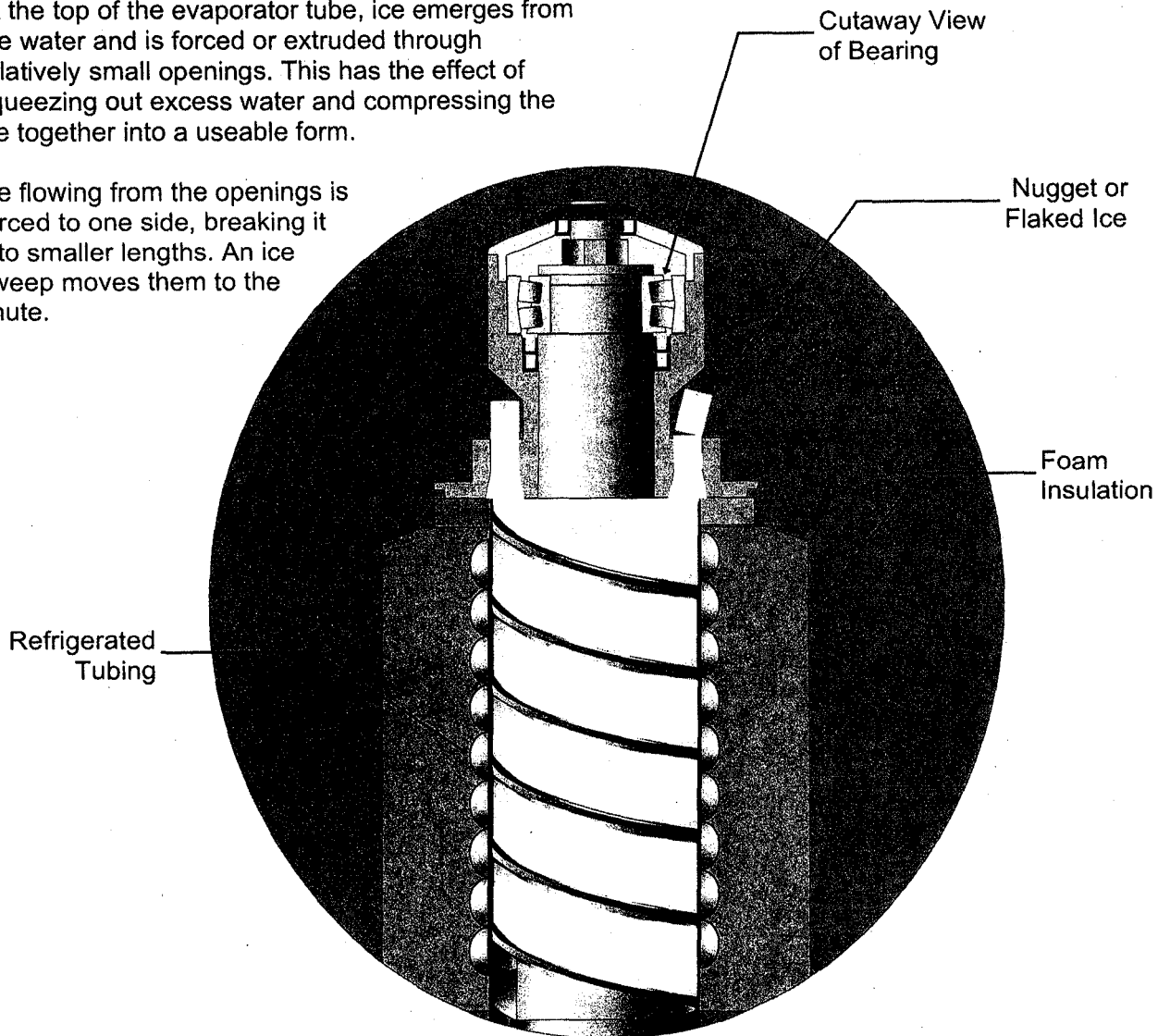
Refrigeration effect is applied to the water between the auger and the evaporator. When that water's temperature drops to its freezing point, ice crystals form throughout it. A continually rotating auger moves the ice up the evaporator tube. At this point the ice is a soft ribbon that fills the space between the auger and evaporator.

At the top of the evaporator tube, ice emerges from the water and is forced or extruded through relatively small openings. This has the effect of squeezing out excess water and compressing the ice together into a useable form.

Ice flowing from the openings is forced to one side, breaking it into smaller lengths. An ice sweep moves them to the chute.

Flaked ice machines have 6 oblong and curved slots that ice flows from, and they produce a softer, wetter ice form.

Nugget ice machines have 16 round holes that form the nugget, which is more heavily compressed and contains less water than freshly made flaked ice.



N0422, F0522, N0622, F0822, N0922, F1222, N1322, F1522
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Technical Information

Pressure Switches

	Cut IN (PSIG)	Cut OUT (PSIG)
High pressure switch, AC, WC, RC	350	450
Low pressure switch, AC or WC	30	15
Low pressure pump down (remote)	30	15

Compressor Amp Draw

Model	Voltage	Brand	Amps
N0422, F0522	115	Tecumseh	5.9-6.1
N0622, F0822	115	Tecumseh	5.9-6.1
N0622, F0822	230	Tecumseh	
N0922, F1222	230 single phase	Tecumseh	4.7-5.1
N0922, F1222	230 three phase	Copeland	3.9-4.1
N1322, F1522	230 single phase	Copeland	6.9-7.2

Auger Drive Motor Amps

Model	Ice Machine Voltage	Auger Motor Amps	Control Cut Out Amps
N0422 or F0522	115	3.4 - 4	6
N0622 or F0822	115	3.4 - 4	6
N0622 or F0822	230	1.1 - 2	3
N0922 or F1222	230 single phase	1.1 - 2	3
N0922 or F1222	230 three phase	1.1 - 2	3
N1322 or F1522	230 single phase	1.1 - 2	3
N1322 or F1522	230 three phase	1.1 - 2	3

Components

- Motor: 115 volt or 230 volt versions. 1/4 HP split phase.
- Gear Case: Aluminum die cast, service part has no bearings
- First gear: Phenolic for noise suppression. Pressed on ball bearing.
- Second gear: Steel. Pressed on ball bearing.
- Output gear: Steel, pressed shaft and bearings. Supplied with gear case cover.
- Output shaft. Provides engagement to auger, uses centering pin for auger alignment. Supplied with gear case cover.
- Input or motor shaft seal. Labyrinth type with o-ring to seal rotor bearing to cover.
- Output shaft seal. Lip seal, supplied with gear case cover.

N0422, F0522, N0622, F0822, N0922, F1222, N1322, F1522
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Heat Load, Charge and Condenser GPM

Heat Load - Average heat load for air conditioning unit sizing

Refrigerant Charge

Model	BTUH
N0422, F0522A	5000
N0622, F0822A	7100
N0922, F1222A	10500
N01322, F1522A	16000

Model	R-404A (oz)
N0422A, F0522A	14
N0422W, F0522W	11
N0622A, F0822A	14
N0622W, F0822W	11
N0622R, F0822R	192
N0922A, F1222A	18
N0922W, F1222W	20
N0922R, F1222R	192
N1322A, F1522A	34
N1322W, F1522W	18
N1322R, F1522R	192

Water Cooled Water Use - Condenser Only

Model	GPM @ Supply Water Temp	
N0422, F0522W	.14 @ 50°F water	.23 @ 70°F water
N0622, F0822W	.21 @ 50°F water	.40 @ 70°F water
N0922, F1222W	.68 @ 50°F water	.76 @ 70°F water
N01322, F1522W	.32 @ 50°F water	.59 @ 70°F water

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Refrigeration System Pressures

Refrigeration system pressures of continuous flow ice machines do not vary a great deal while in operation. They will vary by model, condenser type and ambient.

Model	70/50		90/70	
	Suction (PSIG)	Discharge (PSIG)	Suction (PSIG)	Discharge (PSIG)
N0422A	37-39	235-245	45-46	255-265
N0422W	38-40	240-250	38-42	240-250
F0522A	37-39	235-245	40-42	250-260
F0522W	37-39	240-250	39-41	240-250
N0622A	28-31	235-245	35-40	275-285
N0622W	29-32	240-250	30-34	240-250
N0622R	35-37	240-250	36-38	250-260
F0822A	28-31	235-245	34-39	285-295
F0822W	29-32	240-250	30-34	240-250
F0822R	35-37	240-250	36-38	250-260
N0922A	22-25	205-215	32-33	280-290
N0922W	22-25	240-250	31-33	240-250
N0922R	28-30	240-250	31-32	245-255
F1222A	22-25	205-215	31-33	280-290
F1222W	22-25	240-250	30-33	240-250
F1222R	28-30	240-250	31-32	245-255
N1322A	22-25	205-215	30-32	295-305
N1322W	26-28	240-250	25-28	240-250
N1322R	29-30	230-240	30-31	245-255
F1522A	22-25	205-215	28-32	295-305
F1522W	26-28	240-250	25-28	240-250

N0422, F0522, N0622, F0822, N0922, F1222, N1322, F1522
Air, Water or Remote Service Manual

Maintenance

This ice machine needs five types of maintenance: Maintenance: Remote air cooled condenser

- Air cooled and remote models need their air filters or condenser coils cleaned regularly.
- All models need scale removed from the water system.
- All models require regular sanitization.
- All models require sensor cleaning.
- All models require a top bearing check.

The condenser fins will occasionally need to be cleaned of leaves, grease or other dirt. Check the coil every time the ice machine is cleaned.

Maintenance: Exterior Panels

The front and side panels are durable stainless steel. Fingerprints, dust and grease will require cleaning with a good quality stainless steel cleaner.

Maintenance Frequency:

Air filters: At least twice a year, but in dusty or greasy air, monthly.

Scale removal: At least twice a year, in some water conditions it might be every 3 months.

Sanitizing: Every time the scale is removed or as often as needed to maintain a sanitary unit.

Sensor Cleaning: Every time the scale is removed.

Top bearing check: At least twice a year or every time the scale is removed.

Note: If using a sanitizer or a cleaner that contains chlorine on the panels, after use be sure to wash the panels with clean water to remove chlorine residue.

Maintenance: Water filters

If the machine has been connected to water filters, check the cartridges for the date they were replaced or for the pressure on the gauge. Change cartridges if they've been installed more than 6 months or if the pressure drops too much during ice making.

Maintenance: Air filters

1. Pull air filter(s) from panel.
2. Wash the dust and grease off the filter(s).
3. Return it(them) to their original position(s).

Do not operate the machine without the filter in place except during cleaning.

Maintenance: Air cooled condenser

If the machine has been operated without a filter the air cooled condenser fins will need to be cleaned.

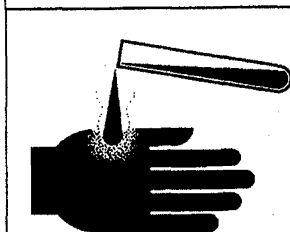
They are located under the fan blades. The services of a refrigeration technician will be required to clean the condenser.

Maintenance: Scale Removal

Note: Following this procedure will reset the de-scale and sanitize light.

1. Remove front panel.
2. Push and release the Off button.
3. Remove ice from bin or dispenser.
4. Turn the water supply to the ice machine OFF.
5. Drain the water and evaporator by disconnecting the leg of the hose connected to the water sensor and draining it into the bin. Return the hose to its original position.
6. Remove the water reservoir cover.
7. Mix a solution of 8 ounces of Scotsman Clear One Scale Remover and 3 quarts of 95-115 degree F. potable water.
8. Pour the scale remover solution into the reservoir. Use a small cup for pouring.
9. Push and release the Clean button: the auger drive motor and light are on, C is displayed and the De-scale light blinks. After 20 minutes the compressor will start.
10. Operate the machine and pour the scale remover into the reservoir until it is all gone. Keep the reservoir full. When all the scale remover solution has been used, turn the water supply back on. After 20 minutes of ice making the compressor and auger motor will shut off.
11. Turn the water supply to the ice machine OFF.
12. Drain the water reservoir and evaporator by disconnecting the leg of the hose connected to the water sensor and draining it into the bin or a bucket. Return the hose to its original position. Discard or melt all ice made during the previous step.
13. To sanitize the water system, mix a locally approved sanitizing solution. An example of a sanitizing solution is mixing one ounce of liquid household bleach and two gallons of 95 – 115 degree F. water.
14. Pour the sanitizing solution into the reservoir.
15. Push and release the On button.
16. Switch the water supply to the ice machine on.
17. Operate the machine for 20 minutes.
18. Push and release the Off button.
19. Wash the reservoir cover in the remaining sanitizing solution.
20. Return the reservoir cover to its normal position.
21. Melt or discard all ice made during the sanitizing process.
22. Wash the inside of the ice storage bin with the sanitizing solution.
23. Push and release the On button.
24. Return the front panel to its original position and secure with the original screws.

CAUTION



Ice machine scale remover contains acids. Acids can cause burns. If concentrated cleaner comes in contact with skin, flush with water. If swallowed, do NOT induce vomiting. Give large amounts of water or milk. Call Physician immediately. Keep out of the reach of children.

Note: If the reservoir is not kept full during step 10, the scale removal process will be incomplete and the de-scale light will remain on.

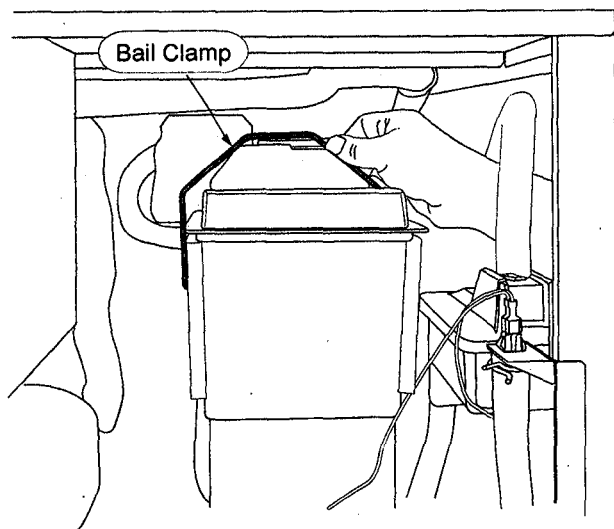
Maintenance: Check Top Bearing

This task should only be done by a qualified service technician

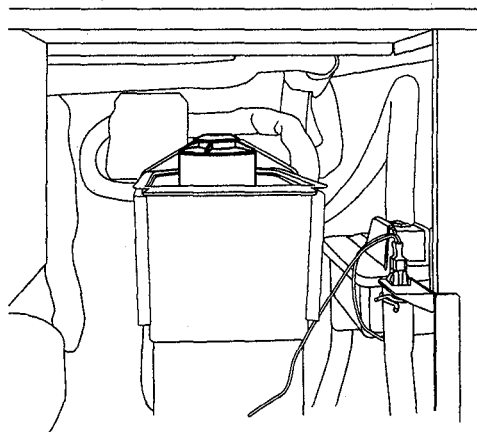
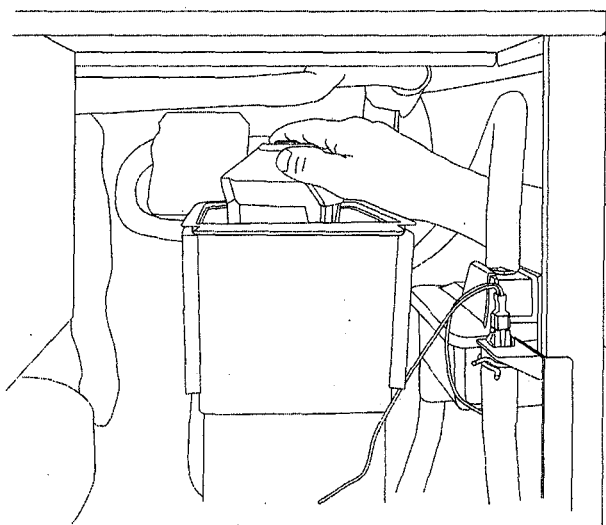
The bearing in the breaker should be checked at least two times per year.

Check the bearing by:

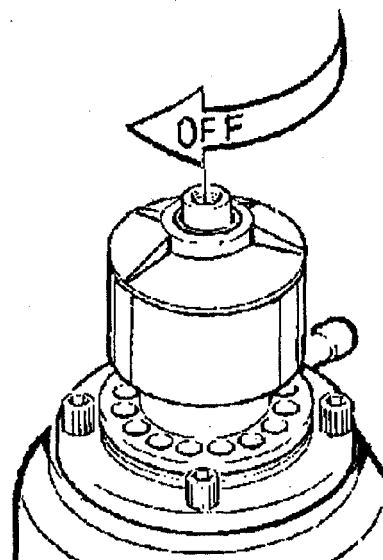
1. Removing the bail clamp and ice chute cover



2. Unscrewing the ice sweep



3. Removing the water shed & unscrewing the breaker cover (left hand threads).



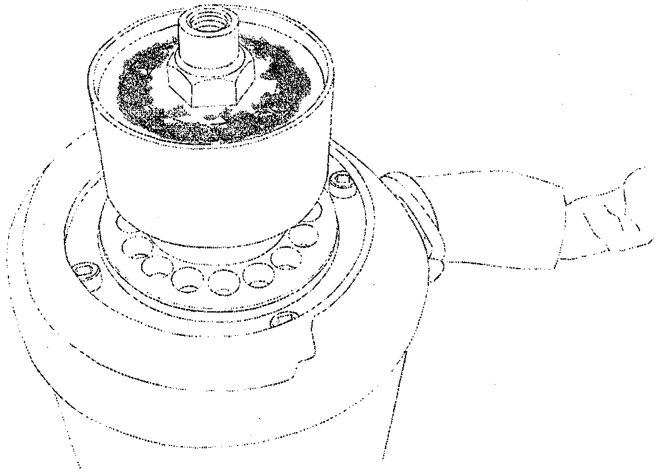
Inspect the top of the bearing. When new the grease is white, over time a small amount gray will appear over the rollers, that is normal. Add grease to replace the gray grease or if gaps between rollers are visible. If grease is watery, all gray or rust is visible, have the bearing replaced. See the next page for more information.

Note: When checking the top bearing, always inspect the drip pan for water seal leaks. If water is present in the drip pan, service the water seal and check the gear reducer's lubricant. See the next page.

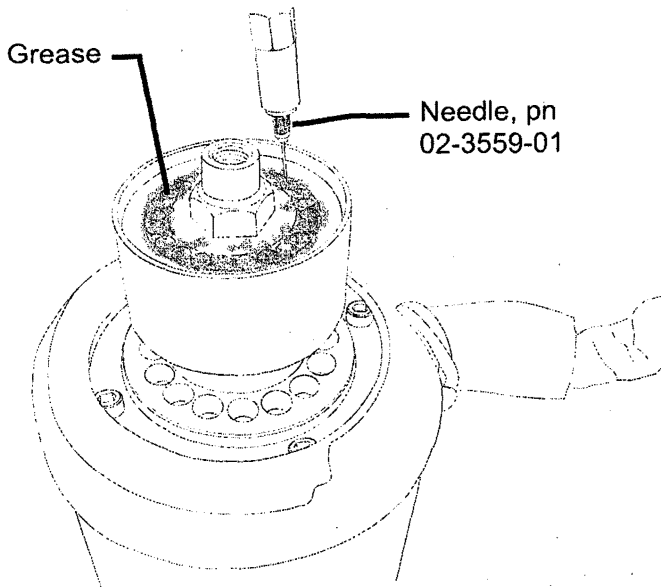
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Service Top Bearing

If the grease is uniformly white, and the bearing has no play, no further action is needed. If very gray, rusty, wet or has any embedded metal, have the bearing replaced.



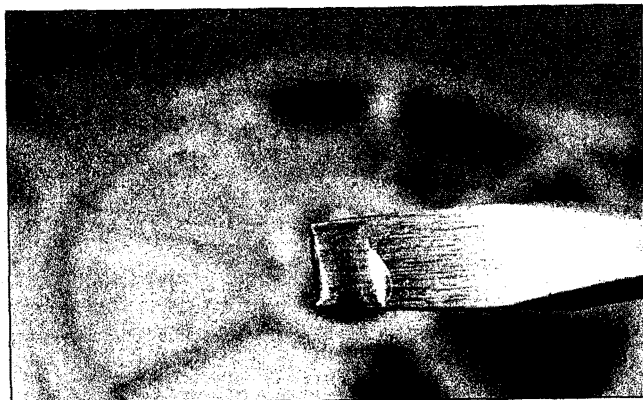
If the bearing only needs grease, or to confirm the quality of the grease low in the bearing, inject grease into the lower part of the bearing using Scotsman grease needle pn 02-3559-01 and Scotsman bearing grease cartridge, pn A36808-001. Be sure to inject grease evenly and thoroughly.



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Check Gear Reducer Lubricant

Although there is no normal access to the gear reducer lubricant, it can be checked without removal and complete disassembly. The auger drive motor must be removed and the lubricant checked through the input shaft area.



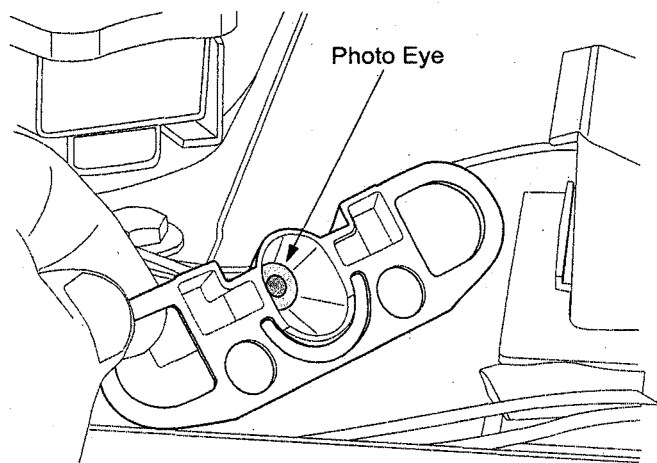
Normal Oil Level

Because of a shelf under the motor hole, only about 3/16 of oil should be on the tip of the screwdriver blade. Any more and there may be water in the gear case, any less and it may be low. The correct oil charge is 14 ounces.

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Maintenance: Sensors

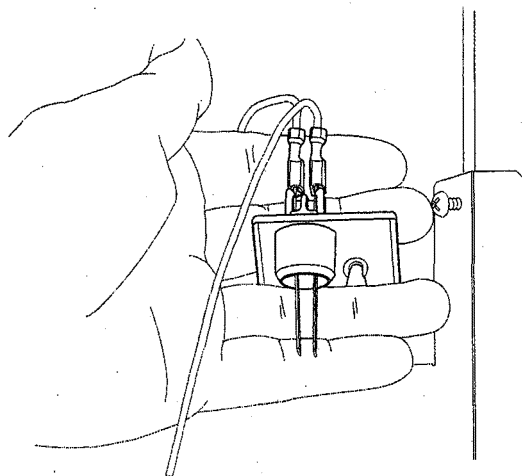
The control that senses bin full and empty is a photo-electric eye, therefore it must be kept clean so it can "see". At least twice a year, remove the ice level sensors from the base of the ice chute, and wipe the inside clean, as illustrated.



1. Remove front panel.
2. Pull photo eye holders forward to release them.
3. Wipe clean as needed. Do not scratch the photo-eye portion.
4. Return the eye holders to their normal positions and return the front panel to its original position.

Note: Eye holders must be mounted properly. They snap into a centered position and are properly located when the wires are routed to the back and the left eye is the one with 2 wires at the connector.

The ice machine senses water by a probe located in the water reservoir. At least twice a year, the probe should be removed from the reservoir, and wiped clean of mineral build-up.



1. Shut off the water supply.
2. Remove front panel.
3. Remove the hose from the water sensor, use a hose clamp pliers for this.
4. Loosen mounting screw and release the water sensor from the frame of the unit.
5. Wipe probes clean,

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Service Diagnosis - Air Cooled

Symptom	Probable Cause	Possible Correction
No ice	No power	Check that ice machine has power. If power light is out, check transformer.
	Code 3: No water	Restore water, check filters, water level and sensor
	Status light is off	Push and release ON switch
	Code 1: No ice sensed	Check for ice flow down chute. if very slow or no ice being made, check for refrig. system failure
		Check auger motor for power, if no power, check controller component indicator light. If there is power to the motor, check motor windings
	Code 2: Auger motor draws too many amps, controller shut unit off.	Check for damage to gear reducer or auger bearings.
		Check for restriction between reservoir and evaporator
	Bin Eyes Blocked light is On	Ice is in the chute.
		No ice in the chute. Check position of sensors, check sensors for scale build up
	Code 4: Refrigeration system over or under pressure	Check for proper operation of the fan and motor; check for proper flow of water into evaporator; check for proper refrigerant charge
	Code 4: Chute thermostat opened	Unit overfilled chute, check photo eye system
	Everything is in operation, but no refrigeration effect	Check compressor
		Check TXV superheat
		Check refrigerant charge
Low ice making capacity	Optional bin thermostat is open	Check thermostat or jumper wire on blue wires to #5 & #6
	Optional ultrasonic system senses false bin full	Check sensor for proper installation and operation
	Scale build up	Remove scale from evaporator and water system
	Air filter dirty	Clean air filter
	Condenser fins dirty	Clean condenser
	Expansion valve superheat incorrect	Check superheat

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Air, Water or Remote Service Manual

Service Diagnosis - Water Cooled

Symptom	Probable Cause	Possible Correction
No ice	No power	If power light is out and there is power to the unit, check transformer.
	Code 3: No water	Restore water, check filters, water level and sensor
	Status light is off	Push and release ON switch
	Code 1: No ice sensed	Check for ice flow down chute. if very slow or no ice being made, check for refrigeration system failure
		Check auger motor for power, if no power, check controller component indicator light. If there is power to the motor, check motor windings
	Code 2: Auger motor draws too many amps, controller shut unit off.	Check for damage to gear reducer or auger bearings.
	Bin Eyes Blocked light is On	Ice is in the chute.
		No ice in the chute. Check position of sensors, check sensors for scale build up
	Code 4: Refrigeration system over or under pressure	Check water flow to condenser; check for proper flow of water into evaporator; check refrigerant charge
	Code 4: Chute thermostat opened	Unit overfilled, check photo eye system
	Everything is in operation, but no refrigeration effect	Check water regulating valve
		Check TXV superheat
		Check refrigerant charge
	Optional bin thermostat is open	Check thermostat or jumper wire on blue wires to #5 & #6
Low ice making capacity	Optional ultrasonic system set too low	Adjust selector switch to a higher position
	Optional ultrasonic system senses false bin full	Check sensor for proper installation and operation
	Scale build up	Remove scale from evaporator and water system
	High discharge pressure	Check water regulating valve
	Expansion valve superheat incorrect	Check superheat

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Air, Water or Remote Service Manual

Service Diagnosis - Remote

Symptom	Probable Cause	Possible Correction
No ice	No power	If ice machine has power and power light is out, check transformer.
	Code 3: No water	Restore water, check filters, water level and sensor
	Status light is off	Push and release ON switch
	Code 1: No ice sensed	Check for ice flow down chute. if very slow or no ice being made, check for refrigeration system failure
		Auger motor working, compressor off. Check liquid line valve and pump down switch
		Check auger motor for power, if no power, check controller component indicator light. If there is power to the motor, check motor windings or start switch
	Code 2: Auger motor draws too many amps, controller shuts unit off.	Check liquid line valve for leak through, causing auger to freeze in place
		Check for damage to gear reducer or auger bearings.
	Bin Eyes Blocked light is On	Ice is in the chute.
		No ice in the chute. Check position of sensors, check sensors for scale build up
	Code 4: High discharge pressure	Check remote condenser fan motor
	Code 4: Chute thermostat opened	Unit overfilled, check photo eyes
	Everything is in operation, but no refrigeration effect	Check liquid line valve
		Check compressor
		Check TXV superheat
		Check refrigerant charge
	Optional ultrasonic system set too low	Adjust selector switch to a higher position
	Optional bin thermostat is open	Check thermostat or jumper wire on blue wires to #5 & #6
	Optional ultrasonic system senses false bin full	Check sensor for proper installation and operation

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Service Diagnosis - Remote

Symptom	Probable Cause	Possible Correction
Low ice making capacity	Scale build up	Remove scale from evaporator and water system
	High discharge pressure	Check remote condenser
		Check headmaster
	Expansion valve superheat incorrect	Check superheat
	Compressor cycles on and off frequently	Check liquid line valve for leak through
		May be normal, pump down switch will operate compressor as pump down switch closes and opens

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Service Diagnosis - Refrigeration System Failure

Symptom	Probable Cause	Possible Correction
Compressor is not operating	Contactor not pulled in	Check voltage to coil of contactor, if correct, check coil of contactor
		Check if Low or High pressure cut outs open, Code 4 in code display
		Check if remote pump down switch not closed - if open, check low side pressure and liquid line valve
		Check for control board relay not supplying power to contactor
	Compressor overheated	Check for low refrigerant charge
		Check for high TXV superheat
		Check for high amp draw, possible start relay keeping start winding powered
	Compressor overload open	Check for overheating, or over amp draw
	Compressor will not start	Check start relay and start capacitor
		Check voltage at compressor
Check voltage at contactor		
Check compressor windings		
Compressor on, no refrigeration	Low charge	Check system charge
	Condenser dirty	Check condenser
	Remote - liquid line valve restricted	Check liquid line valve
	TXV not metering	Check superheat
	Auger not turning	Check gear reducer
	Remote headmaster in bypass mode	Check headmaster
	Inefficient compressor	Check compressor amp draw, if normal not likely inefficient
	Compressor internal relief open	Check suction and discharge pressure. Relief valve opens at a pressure differential between 450 and 550 and will not re-close until differential between suction and discharge is reduced to less than 450.

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Service Diagnosis - Optional Ice Level Controls

Vari-Smart (KVS)

Symptom	Probable Cause	Possible Correction
No ice, bin full light is ON	Adjustment knob set too low	Rotate knob to first position, knob's arrow pointing to the left of the L in Lower (on the label)
	Obstruction beneath sensor	Check for and clear any item that might be below the sensor
	Sensor recessed	Check sensor, sensor must be flush in its holder and not recessed.
No ice, power light on, bin full light is OFF	Photo-eye in chute blocked	Check controller display code. If a b, check for blockage or scale build up on photo eyes in chute
		Check for photo eye failure
	Optional Smart-Board is controlling ice level	Check Smart-Board settings.
Ice level too high	Adjustment knob set to maximum fill	Check if knob's arrow points to label arrow.
	Sensor wire disconnected	Check for proper connection of sensor wire to VS control board

Bin Thermostat

Symptom	Probable Cause	Possible Correction
No ice, b in code display	Bin stat is open	Check for ice on bin thermostat capillary tube
		Check for cold ambient in bin
		Check continuity of bin thermostat when capillary tube is warm, replaced if does not close
Unit overfills, shuts off on photo-eyes	Bin stat is stuck closed	Check position of bin thermostat capillary tube.
		Check continuity of bin thermostat when ice is on the capillary tube, replaced if does not open

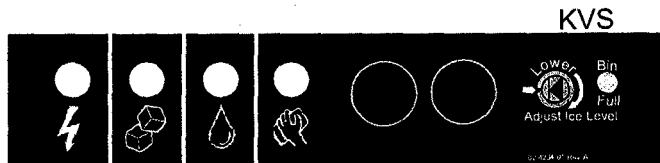
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Options

Vari-Smart

Optional adjustable ice level control (KVS)

When this option is present there is an adjustment post and an additional indicator light to the right of the four indicator lights mentioned earlier.



The ultrasonic ice level control allows the user to control the point that the ice machine will stop making ice before the bin or dispenser is full. Reasons for this include:

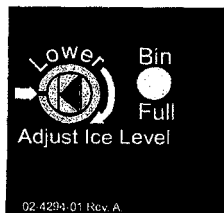
- Seasonal changes in ice used
- Planning to sanitize the bin
- Faster turnover for fresher ice
- Certain dispenser applications where maximum ice level is not desired

Use of adjustable ice level control

There are several positions the ice level can be set to, including Off (knob and label indicators lined up), where it fills the bin until the standard bin control shuts the machine off. See the kit's instructions for complete details.

Rotate the adjustment post to the desired ice level. The machine will fill up to that level and when it shuts off the indicator light next to the adjustment post will be On.

Note: The maximum fill position is when the arrow on the knob points to the arrow on the label.



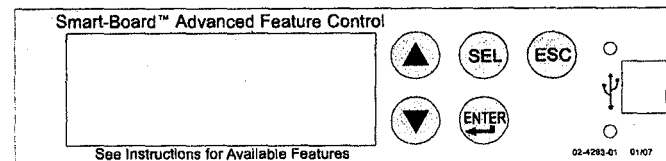
Dispenser applications:

Set the adjustment knob to either the first or second position CW after the maximum fill position.



Smart-Board

Optional Advanced Feature Board (KSBU)



When this option is present there is an additional display panel in the area below the main control board. It is not visible when the front panel is on.

The Advanced Feature Board's features include:

- Seven day programmable ice level setting when used with the optional Ultrasonic ice level control
- Recording of machine operation
- Recall of malfunctions with the time they occurred.

Optional Remote Lock Out (KSL)

This add on allows remote on-off control of the machine, and is generally installed by leasing companies. When the board has been remotely locked out and shut off it must be reset by the person or company that locked it out. It cannot be reset on site.

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Options: Bin Thermostat

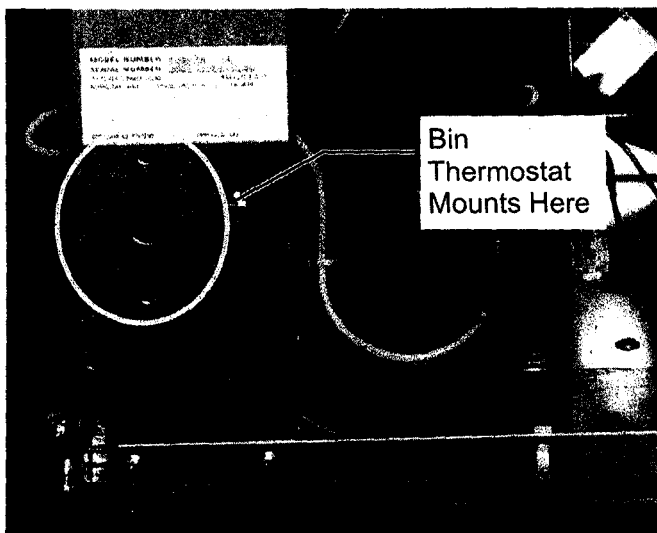
Another bin control method available on these machines is a bin thermostat.

Type: Opens on temperature fall.

Connects: To blue wires to controller, in place of the jumper connecting the blue wires between terminals 5 and 6.

Use: In certain ice dispenser kits or whenever a permanently lowered ice level is desired and a KVS is not suitable.

Mounts: To the control box support post.



Result when open: Machine shuts down, b in code display.

Results when closed: Machine makes ice until either the circuit opens or the photo-eyes are blocked by ice.

Circuit voltage type: Low

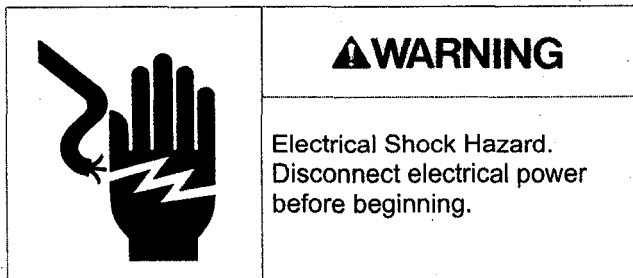
Repair Procedures: Bearing And Breaker

Note: Removal of the auger, water seal, evaporator and gear reducer w/ motor must begin at the top of the assembly.

Note: Seals must be pressed in with a tool, they will not install by hand. A 2" PVC coupling works well as an insertion tool. Seals install open side up.

To Remove the Breaker Bearing Assembly:

1. Remove panels and disconnect electrical power.



2. Push back bail clamp and remove ice chute cover.

3. Unscrew and remove ice sweep.

4. Lift up and remove ice chute.

5. The breaker may be removed from the auger and evaporator without disturbing the auger.

- a. Unscrew breaker cover from breaker (left hand threads)
- b. Unscrew auger stud from top of auger.
- c. Unscrew 4 allen head cap screws holding breaker to evaporator.
- d. Lift up, and remove breaker/bearing assembly from auger & evaporator.

6. Service the bearing. Check for rust, rough spots and damage.

- a. The bearing is pressed into the breaker, to remove the bearing and replace it an arbor press is needed.
- b. Replace lower seals before installing new bearing in breaker.

Lip seals must be lubricated with food grade grease prior to assembly.



Replace parts as required. Re-grease bearing with Scotsman part no. A36808-001 bearing grease. Replace top seal, and check the o-rings, replace if cut or torn.

7. Reverse to reassemble: specific tools and materials are required to install properly.

- a. Add food grade grease such as Scotsman part number 19-0569-01 to the seal area before installing on the auger.

- b. Check the seal to shaft areas for cuts, or rough spots: none are permitted.

Repair Procedures: The Auger

Turn off the water to the machine, and unclip the evaporator drain hose, pull it down and drain the evaporator into the bin or a container.

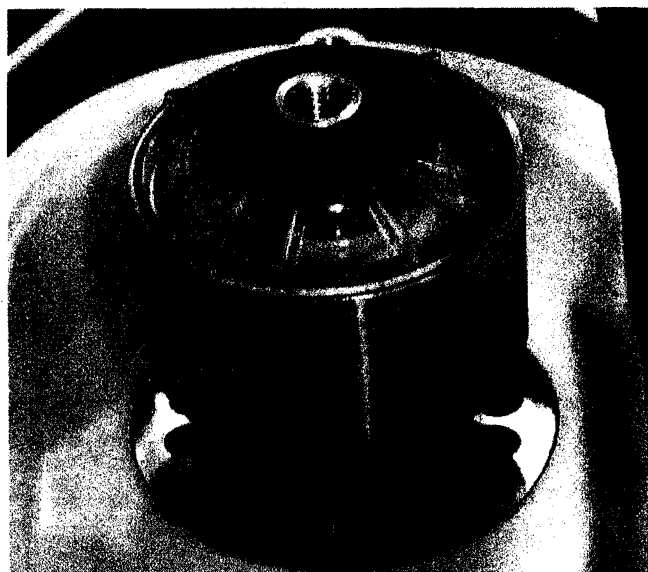
1. Remove the the top panel.
2. Remove ice chute cover.
3. Unscrew ice sweep.
4. Remove ice chute body.
5. The auger and breaker/bearing may now be removed as an assembly.
 - a. Unscrew 4 allen head cap screws holding breaker to evaporator.
 - b. Lift up on breaker and remove auger from evaporator.

Note: If the auger is stuck, the breaker must be removed from the auger.

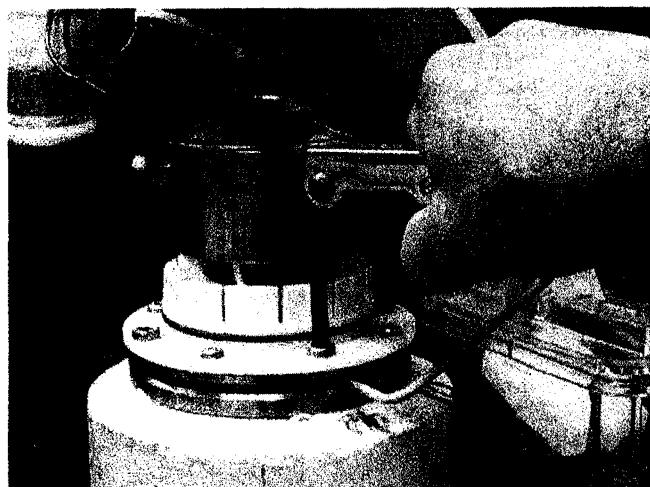
The breaker may be removed from the auger and evaporator without disturbing the auger.

- a. Unscrew breaker cover from breaker (left hand threads)
- b. Unscrew auger stud from top of auger.
- c. Unscrew 4 allen head cap screws holding breaker to evaporator.
- d. Lift up & remove breaker from evaporator.
- e. If the auger will not lift up use a slide hammer type puller to pull on the auger at the threaded hole. The size of that hole is 5/8"-18.

Inspect the auger, see the next page.



Ice Sweep Removed



Remove allen head cap screws

Auger and Evaporator Inspection

The auger must be carefully inspected for wear and scale. The wear areas are the top bearing surface, drive junction and the edges of the flights. The edges of the auger have horizontal serrations and there are highly machined areas in between. If the auger has contacted the evaporator wall, it will have very rough flight edges and should be replaced.

Scale forms on the auger during normal ice making. If scale is still on the auger after cleaning in the ice machine, the scale can be removed using ice machine cleaner and a nylon scrub pad.

Inspect the auger, the critical areas of the auger are:

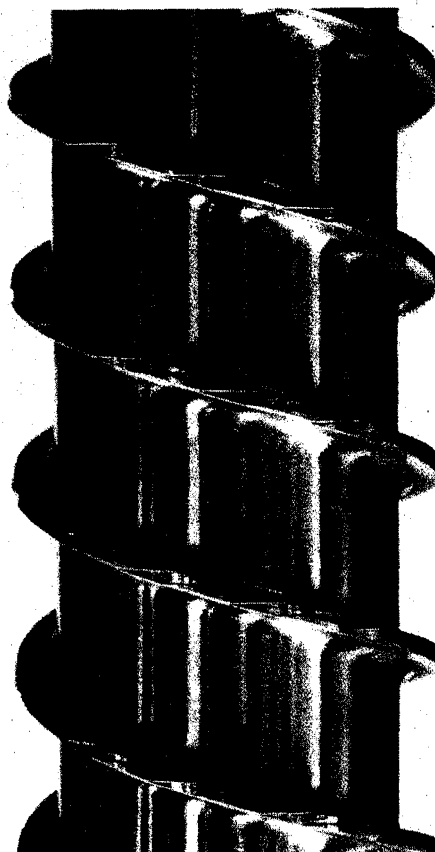
1. The auger body. It should be clean and shining. Sometimes an auger will appear clean when wet, but after it is dry it will be seen to be stained. Scrub the auger with ice machine cleaner and hot water.

Caution: Ice machine cleaner is an acid. Handle it with extreme care, keep out of the reach of children.

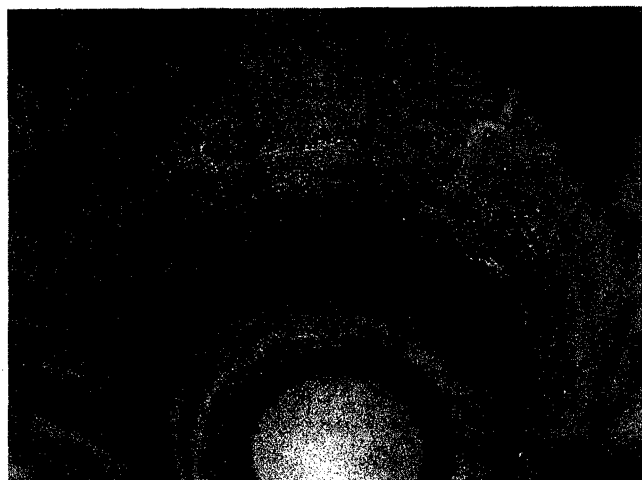
2. The water seal area. Because the auger has been removed, the water seal will have to be replaced. Remove the water seal top half from the auger, and remove any sealant or debris from the shoulder of the auger where the water seal was.

Inspect the evaporator's interior. The interior is stainless steel that should be bright and shiny when dry. If it isn't the scale on the surface must be removed. To remove scale:

1. Remove the water seal; it will have to be replaced.
2. Use a brass wire brush and scrub the interior of the evaporator vertically to remove any scale.
3. Clean up any debris from the top of the gear reducer.



Example of a Clean Auger

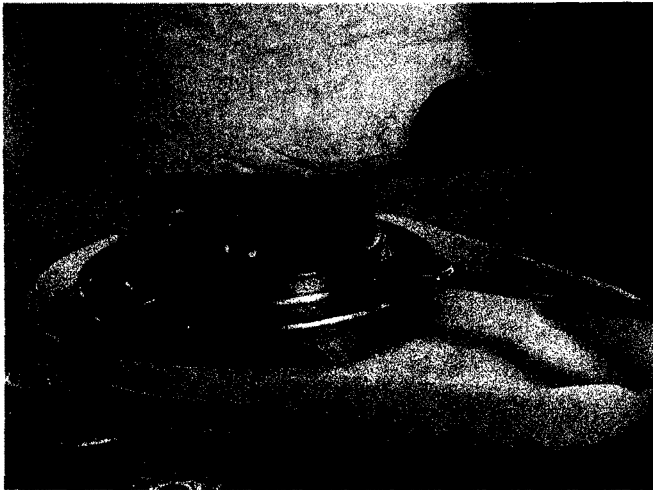


Example of Scale Build Up on Evaporator Wall

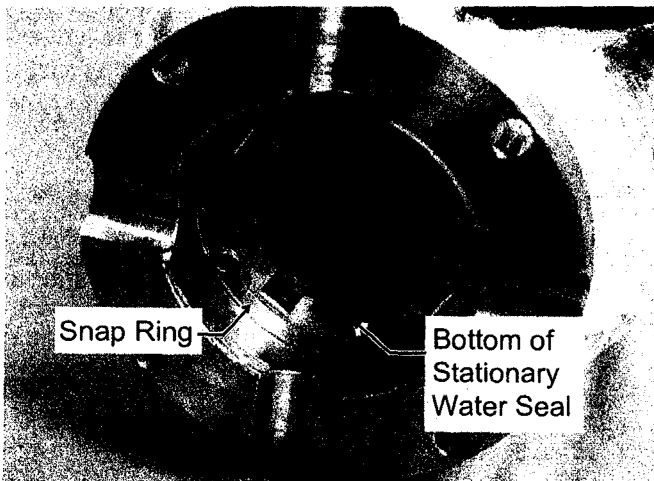
Repair Procedures: The Water Seal

(Assuming all steps to remove the auger have been performed.)

1. The gear reducer/evaporator assembly will have to be exposed.
2. Remove the 4 hex head cap screws holding the evaporator to the gear reducer assembly. Lift the evaporator up and off of the gear reducer.



3. Remove the snap ring or wire retainer from the groove under the water seal.

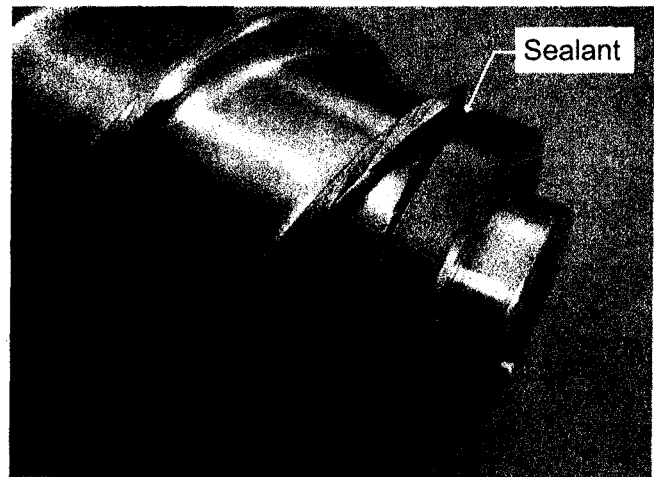


4. Pull or drive out the lower half of the water seal.

Tip: Push one side of seal in so the seal is turned 90 degrees to the evaporator and pull it out.

To Replace the Water Seal:

1. Lubricate the water seal with a thin coating of food grade grease or oil, and push the water seal into the bottom of the evaporator slightly past the groove for the snap ring.
2. Replace the snap ring and pull the water seal down against it.
3. The part of the water seal that rotates with the auger must also be replaced. Remove the old part from the auger and clean the mounting area.
4. Place a small bead of food grade silastic sealant (such as 732 RTV or Scotsman part number 19-0529-01) on the area of the auger where the water seal is to be mounted.
5. Carefully push the water seal (rubber side against the auger shoulder and the silastic sealant).



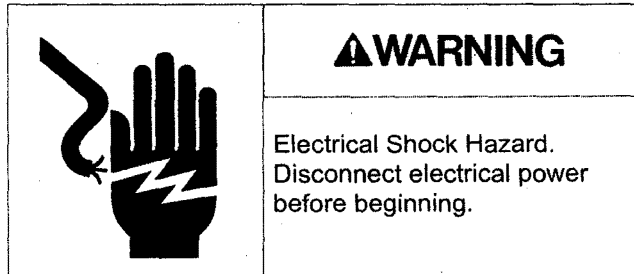
Do not get any sealant onto the face of the seal.

6. Allow the auger and seal to air dry until the sealant is dry on the surface.
7. If the original water seal was leaking, it would be a good idea to inspect the interior of the gear reducer.

N0422, F0522, N0622, F0822, N0922, F1222, N1322, F1522
Air, Water or Remote Service Manual

Repair Procedures: Replace the Evaporator:

(Assuming all the steps for removal of the thrust bearing, breaker, auger, and water seal have been performed.)



2. Lower the auger into the evaporator barrel, slightly turning it to match up with the drive end. Do Not Drop Into the Evaporator.

3. Complete the reassembly by reversing the disassembly for the breaker & thrust bearing assembly.

1. Recover the refrigerant from the ice maker.

2. Unsweat the refrigerant connections:

- a) At the thermostatic expansion valve outlet.

Heat sink the TXV body when unsweating or resweating the adjacent tubing.

- b) At the suction line at the joint about 3" from the evaporator.

3. Remove the evaporator.

4. Unsweat the drier from the liquid line.

5. After installing a new water seal in the new evaporator (see "To Replace the Water Seal") sweat in the new evaporator at the old tubing connections.

6. Install an new drier in the liquid line.

7. Evacuate the system until dehydrated, then weigh in the nameplate charge. Check for leaks.

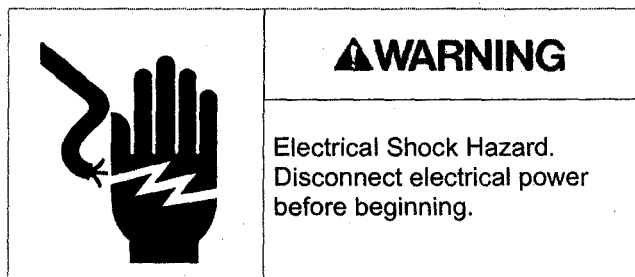
8. Install auger, breaker, breaker bearing assembly, and ice discharge chute in reverse order of disassembly.

To Reassemble the Evaporator and Auger

1. After the gear reducer has been inspected, fasten the evaporator to the gear reducer. Torque the bolts to 110 inch pounds.

Repair Procedures: The gear reducer

(Assuming that the procedures through removal of the water seal have been performed.)



1. Remove the electrical wires from the gear drive motor.

2. Unscrew the 4 cap screws holding the gear reducer to the ice machine.

3. Remove the gear reducer from the icemaker.

To Inspect the gear reducer.

1. Remove the cap screws holding the gear reducer case halves together and pry the two cases apart.

2. To lift off the cover, lift up until you can feel internal contact, then pull the cover towards the output gear end, and then lift the cover (with drive motor attached) up and away from the gear reducer case.

Note: The case cover output gear, bearings, and shaft are one pressed together assembly. Replace as a unit.

3. Inspect the oil, gears, and bearings. If the oil level and condition is acceptable, quickly check the gears and bearings. They are likely to be fine if the oil is.

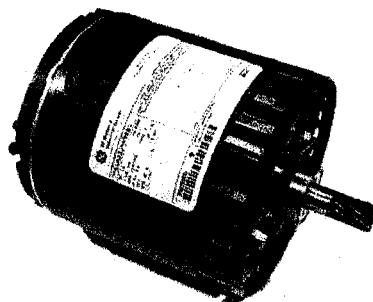
If there is evidence of water in the oil (rusty bearings and gears; the oil having a creamy white appearance; oil level too high) carefully inspect the bearings and gears. If in doubt about the condition of a part, replace it. The oil quantity is 14 fluid ounces, do not overfill.

Note: The gears and bearings are available only as pressed together sets.

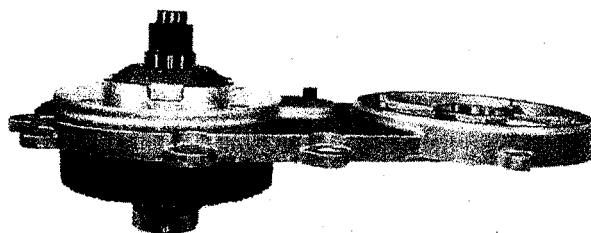
4. After replacing parts as required, (if any) reassemble the gear case and cover. The two smaller gears and the oil should be in the lower case, the output gear will be with the cover. As you lower the cover onto the lower case, cover will have to be moved closer to the second gear after the output gear has cleared the second gear top bearing.

5. After the case is together, and the locating pins are secure in both ends, replace all cap screws.

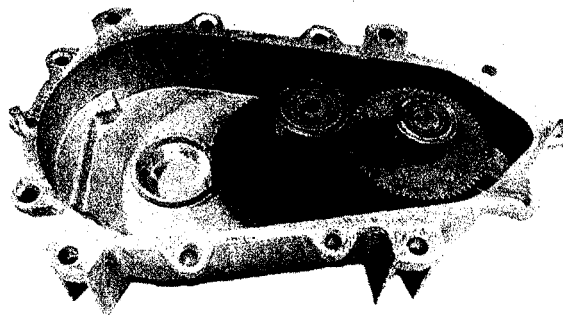
6. Bench test the gear reducer, check for oil leaks, noise, and amp draw.



Replacement Drive Motor



Gear Case Cover Assembly

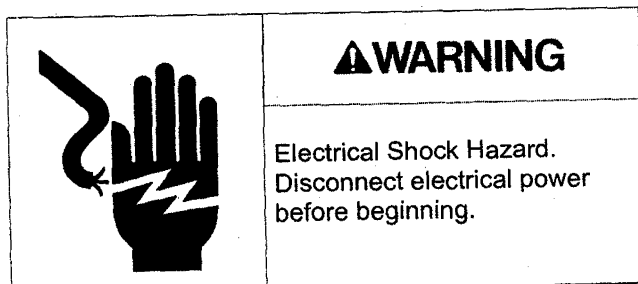


Gear Case with First and Second Gears

N0422, F0522, N0622, F0822, N0922, F1222, N1322, F1522
Air, Water or Remote Service Manual

Repair Procedures: Thermostatic Expansion Valve

1. Remove front panel.
2. If the machine was in operation, push and release the off button to shut it down.
3. Disconnect electrical power.



4. Recover refrigerant.
5. Remove insulation covering expansion valve and bulb.
6. Remove strap securing bulb to suction line.
7. Unsweat the expansion valve from the liquid line. Remove it.
8. Unsweat the drier from the liquid line. Remove it.
9. Connect nitrogen to discharge access valve.
10. Immediately place new valve in ice machine.
11. Open nitrogen bottle and braze expansion valve inlet and outlet joints together. Braze new drier into system.
12. Shut off nitrogen, shut access valves.
13. Evacuate to at least 300 microns.
14. Weigh in the nameplate charge. Check for leaks.
15. Attach bulb to suction line. Position at 4 or 8 o'clock on the tube. Secure tightly but do not crush the bulb with the strap.
16. Attach valve and bulb insulation.
17. Reconnect electrical power.
18. Return all panels to their original positions.

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Friday, April 11, 2014 9:32
To: USS KIDD (bgt@saltsmail.salts.navy.mil); Higgins, Shane M. SA; Musni, Ronald B. LSC(SW); Odom, David. F. LT; De Jesus, Daress D.LS1
Cc: 'CRAIG COOLEY (Craig.Cooley@supshipba.navy.mil)' (Craig.Cooley@supshipba.navy.mil); 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Armacost, Andrew H CIV MSC, N46
Subject: USS KIDD: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4993 (FINAL ANSWER)

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772
To: Commander, USS Kidd (DDG-100)

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

Attn: LSSN Higgins

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4993) BATTERY, STORAGE, (Part# NP38-12; 537-5517), NSN: 6140-01-277-3757
(d) POC for the USS Kidd (DDG-100): LSSN Higgins
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4993 per ref (e):

Mike,

USS Kidd (DDG 100)

SFR #4993: The SFR requested material (NSN: 6140-01-277-3757; Battery Storage) was requested IAW technical manual SE108-AA-MMA-010. The referenced tech manual requires the use of a 12V battery (part number: NP38-12) to be used for emergency backup. The requested battery is part number NP38-12; therefore, the requested battery should be updated on the DDG T-SHML from AOB P to AOB A.

Respectfully,
Marianne

Marianne C. He
Environmental Engineer
NAVSEA Warfare Center Code 635
Hazardous Materials Control and Management
215-897-7693
marianne.he@navy.mil

Therefore, NSN: 6140-01-277-3757 IS APPROVED FOR USE and has been updated in the Master SHML and the DDG T-SHML with an AOB code of "A" (AUTHORIZED FOR SHIPBOARD USE).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

Celona, Michael J CIV NAVSUP WSS, M077

From: He, Marianne C CIV NSWCCD Philadelphia, 6350
Sent: Monday, April 07, 2014 14:40
To: Celona, Michael J CIV NAVSUP WSS, M077
Cc: Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Shull, Karen E CIV NSWCCD Philadelphia, Code 635
Subject: SFR #4993
Signed By: MARIANNE.HE@NAVY.MIL

Mike,

USS Kidd (DDG 100)

good A

SFR #4993: The SFR requested material (NSN: 6140-01-277-3757; Battery Storage) was requested IAW technical manual SE108-AA-MMA-010. The referenced tech manual requires the use of a 12V battery (part number: NP38-12) to be used for emergency backup. The requested battery is part number NP38-12; therefore, the requested battery should be updated on the DDG T-SHML from AOB P to AOB A.

Respectfully,
Marianne

CV/DDC/DK/FC/OT/

V/24/14

9B

Marianne C. He
Environmental Engineer
NAVSEA Warfare Center Code 635
Hazardous Materials Control and Management
215-897-7693
marianne.he@navy.mil

ORIGINATOR: NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
REC'D AT NAVICP: 3/8/2014 FPO#: AP96670 - 1212 UIC#: 23152 TYCOM: SURFPAC			
TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR)) SFR # 4993 ATTACHED FROM (SHIP): USS KIDD (DDG-100) PRODUCT NAME: BATTERY, STORAGE DATE ON SFR: 3/3/2014
NAVICP-M	3/10/2014	MC	NSN/NIIN: 6140-01-277-3757 CAGE: 77280
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: NP38-12; 537-5517
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; P O=Obsolete; N=Not Determined)
			MSDS NUMBER: (NIH=Not In HMIRS) CTBDY
			MIP: 4415
			MRC: 63 FVV5 N
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: SE108-AA-MMA-010
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: 4348			NOTES: V/C4/H 12 VOLTS EACH.

AP96670-1212

Current Date: 3/3/2014

RECEIVED
MAR 8 2014
BY: SFR 4993

**SHIP'S HAZARDOUS MATERIALS LIST (SHML)
 FEEDBACK REPORT (SFR)**

Master A

T-SHML (P)

This form needs to be completed if the Hazardous Material
 that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS KIDD

HULL NUMBER: 100 DDG-100 TYCOM: COMNAVSURFFOR

VIC: 23152

Serial Number: 40601930

AIRCRAFT RELATED: ☐ Yes ☒ No

I. JUSTIFICATION (To include equipment/application this material is to be used on):
 REQUIRED TO PERFORM MAINTENANCE CHECK FOR AN/SRC-59

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

II. TECHNICAL DATA

MAINTENANCE INDEX PAGE (MIP) #: 4415

MAINTENANCE REQUIREMENT CARD (MRC #: 63 FWV5 N

APL OR AEL: 00900B714

TECH MANUAL: SE108-AA-MMA-010

REV. 3

ESTIMATED YEARLY REQUIREMENT: 0

III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

NSN: 6140-01-277-3757

Cage 77280

See SFR 4348

MANUFACTURER: ENERSYS INC

PHONE: 610-208-1897

ITEM OR TRADE NAME: BATTERY, STORAGE

PART NUMBER OR SPECIFICATION: NP38-12

UNIT OF ISSUE: EA

UNIT OF MEASURE: LB

12V

CTBDY

V/24/H

IV. ENDORSEMENTS

Cage 3698B

MFG: AMIDATA SA (SPAIN)

REQUESTORS NAME: LSSN HIGGINS

P/N 537-5517

RANK: E3

EMAIL: shane.higgins@ddg100.navy.mil

DATE PREPARED: 3/3/2014

COMMANDER OR DESIGNEE NAME: CDR VARELA

RANK: O5

EMAIL: co@ddg100.navy.mil

DATE: 3/3/2014

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with
 the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

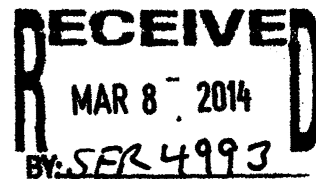
Mail to:

Commanding Officer, Naval Inventory Control Point
 P.O. Box 2020, Code M0772.22
 5450 Carlisle Pike, Mechanicsburg PA 17055-0788
 Fax: DSN 430-2480 or COM 717-605-3480
 Email: wraps.prime.fct@navy.mil

Celona, Michael J CIV NAVSUP WSS, M077

From: Higgins, Shane M. SA <shane.higgins@ddg100.navy.mil>
Sent: Saturday, March 08, 2014 23:20
To: wraps.prime.fct
Cc: Musni, Ronald B. LSC(SW); De Jesus, Daress D.LS1; Odom, David. F. LT
Subject: USS KIDD Shipboard hazzardous material list (SHML Feedback Report) NSN
6140-01-277-3757
Attachments: KIDD_SFR_BATTERY.pdf

Good Evening



Please see attached SFR for NSN 6140-01-277-3757

V/R

LSSN Higgins

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Monday, March 10, 2014 9:22
To: He, Marianne C CIV NSWCCD Philadelphia, 6350
Cc: USS KIDD (bgt@saltsmail.salts.navy.mil); 'CRAIG COOLEY (Craig.Cooley@supshipba.navy.mil)' (Craig.Cooley@supshipba.navy.mil); Higgins, Shane M. SA; Musni, Ronald B. LSC(SW); De Jesus, Daress D.LS1; Odom, David. F. LT; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Armacost, Andrew H CIV MSC, N46
Subject: USS KIDD: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4993
Signed By: mike.celona@navy.mil

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772
To: Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

Attn: Marianne He

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4993) BATTERY, STORAGE, (Part# NP38-12; 537-5517), NSN: 6140-01-277-3757
(d) POC for the USS Kidd (DDG-100): LSSN Higgins
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of

ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319
DSN & EXT 430-8319
FAX # 717-605-3480
IN REPLY REFER TO:
4030
Ser 0772/036
10 March 2014

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),
Pa., Code M0772

To: Commanding Officer, Naval Surface Warfare Center, Carderock
Division-Ship Systems Engineering Station (NSWCCD-SSES),
Code 635

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML) FEEDBACK
REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4993)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4993) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

SA Stankovic

For Jeff Whitman
By Direction

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Thursday, March 13, 2014 15:10
To: USS CARNEY (uca@saltsmail.salts.navy.mil); Nuñez, José A. LS2 (CARNEY S1)
Cc: 'CRAIG COOLEY (Craig.Cooley@supshipba.navy.mil)' (Craig.Cooley@supshipba.navy.mil); 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Armacost, Andrew H CIV MSC, N46; He, Marianne C CIV NSWCCD Philadelphia, 6350
Subject: USS CARNEY: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4994 (FINAL ANSWER)

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772
To: Commander, USS Carney (DDG-64)

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

Attn: LS2 Jose A. Nunez

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4994) AIRCRAFT SURFACE CLEANING COMPOUND (CIWS), (Part# MIL-C-43616, CL-1A; SKILCRAFT AEROCLEAN), NSN: 6850-00-005-5305
(d) POC for the USS Carney (DDG-64): LS2 Jose A. Nunez
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4994 per ref (e):

Mike,

USS Carney (DDG 64)

SFR #4994: The SFR requested material (NSN: 6850-00-005-5305; Cleaning Compound, Aircraft Cleaner) was requested per MIP 7112/1B2, MRCs NU73, NU91, NU93, and NU99, SPMIG [01580]. NSN 6850-00-005-5305 is no longer associated with [01580]. Furthermore, [01580] is being phased out of use by Code 635 due to the fact that the mil spec (MIL-C-43616) associated with [01580] has been cancelled. Therefore, it is recommended that [00365] be used in place of [01580] on the relevant MRCs. [00365] is a general purpose, spray-on/wipe-off, non-abrasive cleaner and includes NSNs 7930-00-068-1669, 7930-00-177-5243, 7930-00-357-7386, and 7930-00-926-5280, all of which are authorized on the DDG T-SHML. The requested NSN should remain prohibited on the Master SHML and all T-SHMLs. The ISEA for the MRCs has been contacted to initiate updating the MRCs.

Respectfully,
Marianne

Marianne C. He
Environmental Engineer
NAVSEA Warfare Center Code 635
Hazardous Materials Control and Management
215-897-7693
marianne.he@navy.mil

Therefore, NSN 6850-00-005-5305 IS NOT APPROVED FOR USE. In lieu of NSN 6850-00-005-5305, use NSN's: NSNs 7930-00-068-1669, 7930-00-177-5243, 7930-00-357-7386, and 7930-00-926-5280 which are already listed in the Master SHML and the DDG T-SHML with an AOB code of "A" (AUTHORIZED FOR SHIPBOARD USE).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

Celona, Michael J CIV NAVSUP WSS, M077

From: He, Marianne C CIV NSWCCD Philadelphia, 6350
Sent: Wednesday, March 12, 2014 21:35
To: Celona, Michael J CIV NAVSUP WSS, M077
Cc: Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Shull, Karen E CIV NSWCCD Philadelphia, Code 635
Subject: SFR #4994
Signed By: MARIANNE.HE@NAVY.MIL

Mike,

USS Carney (DDG 64)

SFR #4994: The SFR requested material NSN: 6850-00-005-5305 (Cleaning Compound, Aircraft Cleaner) was requested per MIP 7112/1B2, MRCs NU73, NU91, NU93, and NU99, SPMIG [01580]. NSN 6850-00-005-5305 is no longer associated with [01580]. Furthermore, [01580] is being phased out of use by Code 635 due to the fact that the mil spec (MIL-C-43616) associated with [01580] has been cancelled. Therefore, it is recommended that [00365] be used in place of [01580] on the relevant MRCs. [00365] is a general purpose, spray-on/wipe-off, non-abrasive cleaner and includes NSNs 7930-00-068-1669, 7930-00-177-5243, 7930-00-357-7386, and 7930-00-926-5280, all of which are authorized on the DDG T-SHML. The requested NSN should remain prohibited on the Master SHML and all T-SHMLs. The ISEA for the MRCs has been contacted to initiate updating the MRCs.

Respectfully, ^(A)
Marianne C/B3/H
9Q
Marianne C. He DG/OT
Environmental Engineer
NAVSEA Warfare Center Code 635
Hazardous Materials Control and Management
215-897-7693
marianne.he@navy.mil

^(A)
C/B3/H
9Q
DG/OT

^(A)
9Q
5/TG/H
DG/OT

^(A)
9Q
C/B3/H
DG/OT

Good
SPMIG

ORIGINATOR:

**NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319
FAX: 717-605-3480, DSN: 430-3480**

REC'D AT NAVICP: 3/10/2014 FPO#: AA34090 - 1282 UIC#: 21923 TYCOM: SURFLANT

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR))
			SFR # 4994
			ATTACHED FROM (SHIP): USS CARNEY (DDG-64)
			PRODUCT NAME: AIRCRAFT SURFACE CLEANING COMPOUND (CIWS), (CLEANING COMPOUND, AIRCRAFT)
			DATE ON SFR: 3/10/2014
NAVICP-M	3/10/2014	MC	NSN/NIIN: 6850-00-005-5305 CAGE: 81349
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: MIL-C-43616, CL-1A; SKILCRAFT AEROCLEAN
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; P O=Obsolete; N=Not Determined)
			MSDS NUMBER: (NIH=Not In HMIRS) CBTNZ
			MIP: 7112/1B2
			MRC: 63 NU90 N, S-17
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: 4878, 4931 & 4976			NOTES: LV3/H 16 OUNCE CAN. SHML REMARKS: NAVAIR USE EXISTING SUPPLIES. DO NOT RE-ORDER: WHEN EXISTING STOCK RUNS OUT, USE ALTERNATE NIINS.

AA34090-1282

Current Date: 3/10/2014

RECEIVED
MAR 10 2014
BY: SFR 4994**SHIP'S HAZARDOUS MATERIALS LIST (SHML)
FEEDBACK REPORT (SFR)**

(P)

This form needs to be completed if the Hazardous Material
that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS CARNEY

HULL NUMBER: DDG 64

TYCOM: SURFLANT
CHOOSE ONE

UCA@...

UIC: V21923

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No☐

I. JUSTIFICATION (To include equipment/application this material is to be used on):
USED IN PMS CHECKS FOR MK 15 CIWS SYSTEMS.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

II. TECHNICAL DATA*Rejected - see → See SFR's 4878, 4931, 4976*

MAINTENANCE INDEX PAGE (MIP) #: 7112/1B2

MAINTENANCE REQUIREMENT CARD (MRC)
#: 63 NU90 N, S-17

APL OR AEL:

TECH MANUAL:

REV.

ESTIMATED YEARLY REQUIREMENT:

III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

NSN: 6850 - 00 - 005 - 5305

*Cage 1A864 = P/N: SKILCRAFT
AEROCLEAN. MFG: LFB*MANUFACTURER: *LIGHTHOUSE FOR THE BLIND (LFB)*
PHONE: - -ITEM OR TRADE NAME: AIRCRAFT SURFACE CLEANING COMPOUND (CIWS) *(CLEANING COMPOUND,
AIRCRAFT)*PART NUMBER OR SPECIFICATION: *MIL-C-43616, CL-1A*UNIT OF ISSUE: CN *Cage 81349* UNIT OF MEASURE:*CVTNZ
L/V3/H***IV. ENDORSEMENTS***REMARKS: NAVAIR USE EXISTING SUPPLIES DO
NOT RE-ORDER; WHEN EXISTING STOCK RUNS
OUT, USE ALT MINS. RANK: E-5.*

REQUESTORS NAME: LS2 NUNEZ

EMAIL: nunezja@ddg64.navy.mil

DATE PREPARED: 03/10/2014

COMMANDER OR DESIGNEE NAME: CDR E CROSSMAN

RANK: O-5

EMAIL:

DATE:

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with
the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, NAVSUP Weapons Systems Support
P.O. Box 2020, Code M0772.22
5450 Carlisle Pike, Mechanicsburg PA 17055-0788

Celona, Michael J CIV NAVSUP WSS, M077

From: Nuñez, José A. LS2 (CARNEY S1) <nunezja@ddg64.navy.mil>
Sent: Monday, March 10, 2014 9:38
To: Celona, Michael J CIV NAVSUP WSS, M077
Subject: RE: SFR CIWS
Attachments: SFR CIWS2.doc

Mr. Celona,
Here's the electronic SFR, hopefully this works out.
Thank you.

RECEIVED
MAR 10 2014
SFR BY 4994

V/r,
LS2 Nunez, Jose A.
FINANCIAL LS & HAZMAT SUP.
USS CARNEY DDG 64
904-270-7997 (w)
X-4010

-----Original Message-----

From: Celona, Michael J CIV NAVSUP WSS, M077 [mailto:mike.celona@navy.mil]
Sent: Monday, March 10, 2014 8:21 AM
To: Nuñez, José A. LS2 (CARNEY S1)
Cc: Reed, Trudale L. LSC(SW/AW) (CARNEY S1); Butler, Catherine LS1(SW/AW) (CARNEY S1); Batchelder, Douglas C. LS2 (CARNEY S1)
Subject: FW: SFR CIWS

LS2 Nunez,

Your SFR request has been rejected for the following reason/s:

The form you submitted your request on is obsolete and hasn't been used in years. I just sent you the new "ELECTRONIC SFR FORM TEMPLATE" for you to use. I also sent you the instruction concerning how to fill it out. Please use the new electronic SFR form and follow its instruction. Fill it out on line and submit it to me and I will work your SFR ASAP in the order it is received. Thank you for your cooperation.

Respectfully,
Mike

Michael J. Celona
Environmental Protection Specialist
NAVSUP Weapon Systems Support (NWSS),
5450 Carlisle Pike,
Code 0772.23
P.O. Box 2020
Mechanicsburg Pa. 17055-0788
Phone: (717) 605-8319
DSN: 430-8319
Fax: (717) 605-3480

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Monday, March 10, 2014 12:02
To: He, Marianne C CIV NSWCCD Philadelphia, 6350
Cc: USS CARNEY (uca@saltsmail.salts.navy.mil); 'CRAIG COOLEY (Craig.Cooley@supshipba.navy.mil)' (Craig.Cooley@supshipba.navy.mil); Nuñez, José A. LS2 (CARNEY S1); 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Armacost, Andrew H CIV MSC, N46
Subject: USS CARNEY: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4994
Signed By: mike.celona@navy.mil

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772
To: Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

Attn: Marianne He

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4994) AIRCRAFT SURFACE CLEANING COMPOUND (CIWS), (Part# MIL-C-43616, CL-1A; SKILCRAFT AEROCLEAN), NSN: 6850-00-005-5305
(d) POC for the USS Carney (DDG-64): LS2 Jose A. Nunez
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of

ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE
PHILADELPHIA PA 19111-5098

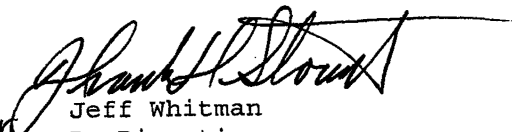
5450 CARLISLE PIKE - PO BOX 2020
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319
DSN & EXT 430-8319
FAX # 717-605-3480
IN REPLY REFER TO:
4030
Ser 0772/037
10 March 2014

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),
Pa., Code M0772
To: Commanding Officer, Naval Surface Warfare Center, Carderock
Division-Ship Systems Engineering Station (NSWCCD-SSES),
Code 635
Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML) FEEDBACK
REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4994)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4994) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

for 
Jeff Whitman
By Direction

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Thursday, March 13, 2014 9:39
To: 'USS DEFENDER (mc2@saltsmail.salts.navy.mil)'; LSC Fababier SUP MCM2 (jerry.fababier@mcm2.navy.mil); philip.eakins@fe.navy.mil; Norman, Pamela NAVSUP FLC Norfolk; Cook, Angela D NAVSUP FLC Norfolk; kkaufman@caci.com; Sidney.Frazier@fe.navy.mil; LTJG Ferguson SUP MCM2 (fergusone@mcm2.navy.mil); shuichi.Yoshida.JA@fe.navy.mil; toru.Kawaguchi.JA@fe.navy.mil; LS2 White SUP MCM2 (Nicholas.White@mcm2.navy.mil); shuichi.Yoshida.JA@fe.navy.mil
Cc: 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Rowe, Arthur T CIV MSFSC, N41; Armacost, Andrew H CIV MSC, N46
Subject: USS DEFENDER: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4995 (FINAL ANSWER)

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772

To: Commanding Officer, USS Defender (MCM-2)

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR's)

Attn: LSC (SW/AW) Jerry C. Fababier

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4995) BATTERY D31M, (Part# 8052-161/MDL NO. D31M), NSN: 6140-01-502-4405
(d) POC for the USS Defender (MCM-2): LSC (SW/AW) Jerry C. Fababier
(e) MSC POC, Mr. Andrew Armacost Tel: (757) 443-0899

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4995 per ref (e):

Mike,

Good afternoon. It was a pleasure speaking with you earlier. MSC approves SFR #4995 [BATTERY D31M, (Part# 8052-161/MDL NO. D31M), NSN: 6140-01-502-4405] with an AOB of "A" and MMI of "N" for MSC's "Master T-SHML."

I stand ready to address any additional questions or concerns.

Very best,
Andrew

Mr. Andrew Armacost
MSC CARGO Fuel and Hazmat Manager/GSC - N46
471 East C Street
Bldg SP-64
Norfolk, VA 23511-2419
757-443-0899 Comm
757-710-2249
757-443-1506 Fax

Therefore, NSN: 6140-01-502-4405 IS APPROVED FOR USE and has been updated in the Master SHML and the MCM T-SHML with an AOB code of "A" (AUTHORIZED FOR SHIPBOARD USE).

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

Celona, Michael J CIV NAVSUP WSS, M077

From: Armacost, Andrew H CIV MSC, N46
Sent: Wednesday, March 12, 2014 12:09
To: Celona, Michael J CIV NAVSUP WSS, M077
Cc: 'USS DEFENDER (mc2@saltsmail.salts.navy.mil)'; LSC Fababier SUP MCM2 (jerry.fababier@mcm2.navy.mil); philip.eakins@fe.navy.mil; Norman, Pamela NAVSUP FLC Norfolk; Cook, Angela D NAVSUP FLC Norfolk; kkaufman@caci.com; Sidney.Frazier@fe.navy.mil; LTJG Ferguson SUP MCM2 (fergusone@mcm2.navy.mil); shuichi.Yoshida.JA@fe.navy.mil; toru.Kawaguchi.JA@fe.navy.mil; LS2 White SUP MCM2 (Nicholas.White@mcm2.navy.mil); shuichi.Yoshida.JA@fe.navy.mil; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Rowe, Arthur T CIV MSFSC, N41
Subject: RE: USS DEFENDER: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4995
Attachments: SFR 4995.pdf
Signed By: andrew.armacost@navy.mil

Mike,

Good afternoon. It was a pleasure speaking with you earlier. MSC approves SFR #4995 [BATTERY D31M, (Part# 8052-161/MDL NO. D31M), NSN: 6140-01-502-4405] with an AOB of "A" and MMI of "N" for MSC's "Master T-SHML."

I stand ready to address any additional questions or concerns.

Very best,
Andrew

MCM T-SHML

AS/MS/MC/OT

9B

V-24-H

-----Original Message-----

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Wednesday, March 12, 2014 9:48 AM
To: Armacost, Andrew H CIV MSC, N46
Cc: 'USS DEFENDER (mc2@saltsmail.salts.navy.mil)'; LSC Fababier SUP MCM2 (jerry.fababier@mcm2.navy.mil); philip.eakins@fe.navy.mil; Norman, Pamela NAVSUP FLC Norfolk; Cook, Angela D NAVSUP FLC Norfolk; kkaufman@caci.com; Sidney.Frazier@fe.navy.mil; LTJG Ferguson SUP MCM2 (fergusone@mcm2.navy.mil); shuichi.Yoshida.JA@fe.navy.mil; toru.Kawaguchi.JA@fe.navy.mil; LS2 White SUP MCM2 (Nicholas.White@mcm2.navy.mil); shuichi.Yoshida.JA@fe.navy.mil; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Rowe, Arthur T CIV MSFSC, N41
Subject: USS DEFENDER: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4995

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),
Pa., Code M0772
To: Commanding Officer, Military Sealift Command (MSC) N41,
Norfolk Virginia

ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 3/12/2014 FPO#: AA34090 - 1922 UIC#: 21403 TYCOM: SURFPAC

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR)) SFR # 4995 ATTACHED FROM (SHIP): USS DEFENDER (MCM-2) PRODUCT NAME: BATTERY D31M (BATTERY, STORAGE) DATE ON SFR: 3/12/2014
NAVICP-M	3/12/2014	MC	NSN/NIIN: 6140-01-502-4405 CAGE: 0UJ55
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 8052-161/MDL NO. D31M
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) P
			MSDS NUMBER: (NIH=Not In HMIRS) CQLLP
			MIP: 3131 MRC: 71 8HEH N
LCM/ISEA			MIP/MRC: NONE
			APL: NONE AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: EVINRUDE E-TEC SERVICE MANUAL
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: V/Z4/H 12 VOLTS EACH.

AA34090-1922

Current Date: 3/12/2014

RECEIVED
MAR 12 2014
BY: SFR4995

SHIP'S HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

(P)
NIT
NIN

This form needs to be completed if the Hazardous Material that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS DEFENDER

HULL NUMBER: MCM-2

TYCON: SURFPAC

UIC: 21403

Serial Number: NOT APPLICABLE

AIRCRAFT RELATED: ☐ Yes ☒ No

I. JUSTIFICATION (To include equipment/application this material is to be used on):
Per EVINRUDE E-TEC 2010 SERVICE MANUAL, current battery does not hold enough charge and the cold cranking amps are too low, the minimum requirements is 800 CCA (1000MCA) for the 90 HP engine. Outboard motor fails to start due to low Cold Cranking AMPS.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): 6140014759355

II. TECHNICAL DATA

MAINTENANCE INDEX PAGE (MIP) #: 3131

MAINTENANCE REQUIREMENT CARD (MRC #: 71 8HEH N

APL OR AEL: 66A090013

TECH MANUAL: EVINRUDE E-TEC SERVICE MANUAL

REV.

ESTIMATED YEARLY REQUIREMENT: 1

2010

III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

NSN: 6140 - 01 - 502 - 4405

Cage #4555

MANUFACTURER: OPTIMA BATTERIES

PHONE: 888 - 867 - 8462

ITEM OR TRADE NAME: BATTERY D31M (BATTERY, STORAGE)

PART NUMBER OR SPECIFICATION: 8052-161/MDL. NO. D31M

UNIT OF ISSUE: EA

UNIT OF MEASURE: 1 U/M

12V

LEAD ACID

IV. ENDORSEMENTS

Cage 1EFH8 MFG: GEN. DYNAMICS LAND

REQUESTORS NAME: MARTIN BRANTNER

P/N: 3001272

SYSTEMS-FORCE
PROTECTION RANK: 01
INC.V/24/H
EQ LLP

EMAIL: MARTIN.BRANTNER@MCM2.NAVY.MIL

DATE PREPARED: 12 MAR 14

COMMANDER OR DESIGNEE NAME: LCDR CORREIA

RANK: O-4

Cage data
updated in
SHML.

EMAIL: CO@MCM2.NAVY.MIL

DATE: 11 MAR 14

SIGNATURE: [Signature]

CO's signature denotes acceptance of all liabilities associated with the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, NAVSUP Weapons Systems Support

P.O. Box 2020, Code M0772.22

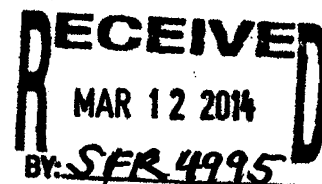
5450 Carlisle Pike, Mechanicsburg PA 17055-0788

Fax: DSN 430-3480 or COM 717-605-3480

Email: wraps.prime.fct@navy.mil

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Wednesday, March 12, 2014 7:46
To: Celona, Michael J CIV NAVSUP WSS, M077
Subject: FW: R214034059M366/M367 - 6140015024405
Attachments: SHML SFR.PDF
Signed By: mike.celona@navy.mil



From: LSC Fababier SUP MCM2 [mailto:jerry.fababier@mcm2.navy.mil]
Sent: Wednesday, March 12, 2014 5:04 AM
To: Armacost, Andrew H CIV MSC, N46; Knarr, Mike CIV NAVSUP WSS, M077; philip.eakins@fe.navy.mil; Stoudt, Frank CIV NAVSUP WSS, M077; Norman, Pamela NAVSUP FLC Norfolk; Cook, Angela D NAVSUP FLC Norfolk; kkaufman@caci.com; Stanko, Scott CIV NAVSUP WSS, M077; Sidney.Frazier@fe.navy.mil; GDSC
Cc: LTJG Ferguson SUP MCM2; Cole, Scott C DLA CIV DISTRIBUTION YOKOSUKA, JAPAN; Shuichi.Yoshida.JA@fe.navy.mil; Toru.Kawaguchi.JA@fe.navy.mil; LS2 White SUP MCM2; LT Dawson CHENG MCM2; EMC Nguyen ENG MCM2; Shuichi.Yoshida.JA@fe.navy.mil
Subject: RE: R214034059M366/M367 - 6140015024405

ALCON,

Good afternoon,

Pls see below MILSTRIPS status modification to ANORS.

AM1NRPS6140015024405 EA00001R214034059M366 YNEA01ANR 9B74302999 NRP

AM1NRPS6140015024405 EA00001R214034059M367 YNEA01ANR 9B74302999 NRP

First of all, the requisitions have just been loaded through NRP this morning and received rejected status D8. Pls see attached SHML SFR to be added to the MCM T-SHML in support of the requirement onboard MCM. Now, I would like to request if NRP can reverse the status, reinstated and modify to high priority. The items are carried in DDYJ Yokosuka for 340 ea with "A" condition code. We are only need 2 (two) batteries for the RHIB boat which critically needed while the ships going for underway this week. I would like to request if I can expedite the shipment overnight via commercial means and hopefully to get here in Sasebo before Thursday night because Friday morning will be gone.

Pls ship the items on below address:

DLA DISTRIBUTION YOKOSUKA JAPAN
DET SASEBO BLDG 138 TATEGAMI-CHO
SASEBO JAPAN JP 857-0063
ATTN: LSC(SW/AW) Fababier
PHONE#: 011-81-956-50-1210

Thank you for your outstanding support!

V/r,
LSC(SW/AW) Fababier, Jerry C.
Supply Dep't LCPO

USS Defender (MCM2)
FPO AP 96663
DSN: 252-1212

-----Original Message-----

From: LS2 White SUP MCM2

Sent: Wednesday, March 12, 2014 3:39 PM

To: 'Armacost, Andrew H CIV MSC, N46'; 'Knarr, Mike CIV NAVSUP WSS, M077'; 'philip.eakins@fe.navy.mil'; 'Stoudt, Frank CIV NAVSUP WSS, M077'; 'Norman, Pamela NAVSUP FLC Norfolk'; 'Cook, Angela D NAVSUP FLC Norfolk'; 'Kurt Kaufman - US (kkaufman@caci.com)'; 'Stanko, Scott CIV NAVSUP WSS, M077'; 'Sidney.Frazier@fe.navy.mil'

Cc: LSC Fababier SUP MCM2; LTJG Ferguson SUP MCM2

Subject: RE: R214034059M366/M367 - 6140015024405

All,

Thanks for your help previously with the UPS battery.

We have two additional ANORS req's (batteries) that have also been rejected.

NSN: 6140015024405. They are for our RHIB boats. We will be submitting an additional SFR for this as well. Just a heads up until we can get both SFR's through to you.

Very Respectfully,

LS2 White, Nicholas L.

USS Defender MCM-2

DSN: 315-252-1212

COMML: 011-81-095-650-1212

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Wednesday, March 12, 2014 9:48
To: Armacost, Andrew H CIV MSC, N46
Cc: 'USS DEFENDER (mc2@saltsmail.salts.navy.mil)'; LSC Fababier SUP MCM2 (jerry.fababier@mcm2.navy.mil); philip.eakins@fe.navy.mil; Norman, Pamela NAVSUP FLC Norfolk; Cook, Angela D NAVSUP FLC Norfolk; kkaufman@caci.com; Sidney.Frazier@fe.navy.mil; LTJG Ferguson SUP MCM2 (fergusone@mcm2.navy.mil); shuichi.Yoshida.JA@fe.navy.mil; toru.Kawaguchi.JA@fe.navy.mil; LS2 White SUP MCM2 (Nicholas.White@mcm2.navy.mil); shuichi.Yoshida.JA@fe.navy.mil; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Rowe, Arthur T CIV MSFSC, N41
Subject: USS DEFENDER: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4995

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772
To: Commanding Officer, Military Sealift Command (MSC) N41, Norfolk Virginia

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR's)

Attn: Andrew Armacost

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4995) BATTERY D31M, (Part# 8052-161/MDL NO. D31M), NSN: 6140-01-502-4405
(d) POC for the USS Defender (MCM-2): LSC (SW/AW) Jerry C. Fababier
(e) MSC POC, Mr. Andrew Armacost Tel: (757) 443-0899

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, *MSC* TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT
700 ROBBINS AVENUE
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319
DSN & EXT 430-8319
FAX # 717-605-3480
IN REPLY REFER TO:
4030
Ser 0772/038
12 March 2014

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),
Pa., Code M0772
To: Commanding Officer, Military Sealift Command (MSC) N41,
Norfolk Virginia

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML)
FEEDBACK REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4995)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4995) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480


Jeff Whitman
By Direction

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Thursday, March 13, 2014 14:22
To: Eisenbarger, John CIV NSWCCD Philadelphia, 9450
Cc: Brown, Matthew W CIV EXWC, EX401; Sanders, Jason E CIV EXWC, EX401; Kirkbride, William E CIV EXWC, EX401; Wadman, Christopher J CIV NSLC, NSLC SDNS; Thompson, Curtis L CIV NAVSEA, 05315; Blinick, William B CIV NSLC, NSLC Portsmouth Va.; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450; Rowe, Arthur T CIV MSFSC, N41; Armacost, Andrew H CIV MSC, N46
Subject: NSN ASSIGNMENT (REQUEST): SHORE BASED ACTIVITY; SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR's) ~~#4996-4998~~
Signed By: mike.celona@navy.mil *SFR 4996 + 4998*

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772
To: Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 9450

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR's)

Attn: John Eisenbarger

*POC: MILWAUKEE STORE
Shelly Maddux
414-760-1193*

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4996) PAROIL M (LUBRICATING OIL, AIR COMPRESSOR), (Part# 1615 5947 00 - 1 GL (1 GALLON PLASTIC BOTTLE), NSN: None
(d) (SFR #4997) PAROIL M (LUBRICATING OIL, AIR COMPRESSOR), (Part# 1615 5948 00 - 5 GL (5 GALLON PLASTIC BOTTLE), NSN: None *015802967 - Done*
(e) (SFR #4998) PAROIL M (LUBRICATING OIL, AIR COMPRESSOR), (Part# 1615 5949 00 - 55 GL (55 GALLON DRUM), NSN: None
(f) POC for the Naval Facilities Engineering and Expeditionary Warfare Center, Port Hueneme, CA: Matthew Brown, Logistics Management Specialist, Code EX431, Tel: (805-982-3085

Labels requested

(g) NSWCCD-SSES Philadelphia, Pa POC John Eisenbarger, Tel: (215) 897-7434

1. Per reference (a), reference (b) received reference (c) through (e) SFR's from reference (f). These SFR's were reviewed and is assigned an SFR number by reference (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) reference (f).
2. Reference (f) approved reference (c) through (e) products for use and authorized an NSN to be assigned to each one.
3. Request reference (g) provide NSN assignment for reference (c) through (e) SFR products.
4. To reference (f) POC: Reference (b) has forwarded your SFR package to reference (g) TA for NSN assignment. When the NSN's are assigned, all POC's will be advised of this action. The new NSN's will then be added to the Master SHML with an Allowed On Board (AOB) code of "P" (PROHIBITED FOR SHIPBOARD USE-SHORE BASED USE ONLY). All T-SHMLs will remain prohibited.
5. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319
DSN & EXT 430-8319
FAX # 717-605-3480
IN REPLY REFER TO:
4030

Ser 0772/040
13 March 2014

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg
(NWSS-M), Pa., Code M0772
To: Naval Surface Warfare Center, Carderock Division-Ships Systems
Engineering Station (NSWCCD-SSES), Code 9450

Subj: REQUEST FOR NATIONAL STOCK NUMBER (NSN) ASSIGNMENT

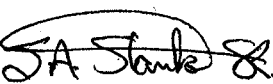
Attn: John Eisenbarger

Encl: (1) REQUEST NSN ASSIGNMENT FOR SHML FEEDBACK REPORT/S (SFR's)
CONCERNING (SFR# 4996-4998)

1. Enclosure (1) contains a packet of three (3) SFR's with an NSN
Assignment request for each of the following three SFR items:

- (SFR #4996) PAROIL M (LUBRICATING OIL, AIR COMPRESSOR),
(Part# 1615 5947 00 - 1 GL (1 GALLON PLASTIC BOTTLE)
- (SFR #4997) PAROIL M (LUBRICATING OIL, AIR COMPRESSOR),
(Part# 1615 5948 00 - 5 GL (5 GALLON PLASTIC BOTTLE)
- (SFR #4998) PAROIL M (LUBRICATING OIL, AIR COMPRESSOR),
(Part# 1615 5949 00 - 55 GL (55 GALLON DRUM)

2. Our point of contact in the Asset Protection-Pollution Prevention
and PHS&T Division is Mr. Mike Celona, Code M0772.22, DSN 430-8319
or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.


Jeff Whitman
For By Direction

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Thursday, March 13, 2014 14:30
To: Eisenbarger, John CIV NSWCCD Philadelphia, 9450
Cc: Celona, Michael J CIV NAVSUP WSS, M077
Subject: SFR 4996-4998 NSN ASSIGNMENT REQUEST
Attachments: SFR 4996-4998 NSN ASSIGN REQ.pdf
Signed By: mike.celona@navy.mil

Celona, Michael J CIV NAVSUP WSS, M077

From: Brown, Matthew W CIV EXWC, EX401
Sent: Wednesday, March 12, 2014 14:46
To: Stanko, Scott CIV NAVSUP WSS, M077
Cc: Celona, Michael J CIV NAVSUP WSS, M077; Eisenbarger, John CIV NSWCCD Philadelphia, 9450; Sanders, Jason E CIV EXWC, EX401; Kirkbride, William E CIV EXWC, EX401; Wadman, Christopher J CIV NSLC, NSLC SDNS; Thompson, Curtis L CIV NAVSEA, 05315; Blinick, William B CIV NSLC, NSLC Portsmouth Va.
Subject: RE: NEW SFR FORM Template updated 11/27/12
Attachments: SHML SFR FORM Atlas Copco Rock Drill_ISEA-144.dot
Signed By: matthew.w.brown@navy.mil

RECEIVED
MAR 13 2014
BY: SFR 4996-4998

Scott,

Please let me know if you need anything else, to get this processed in a timely manner. Thanks for all the help.

V/R

Matthew Brown
Logistics Management Specialist, Code EX431
Naval Facilities Engineering and Expeditionary Warfare Center
BLDG 1100
23rd Avenue Port Hueneme,
CA 93043
Phone: (805) 982-3085
DSN: 551-3085
E-mail: matthew.w.brown@navy.mil

approved per Matt Brown. Per S. Stanko, when NSNS are assigned Remarks should read "Shore based use only".

*MASTER SHML - P
ALL T-SHMLS - P*

The information contained in this message and any attachment is to be considered proprietary, confidential, and/or privileged, and hereby protected from disclosure. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify me immediately by replying to this message and deleting it and all copies and backups thereof. Thank you.

-----Original Message-----

From: Stanko, Scott CIV NAVSUP WSS, M077
Sent: Wednesday, March 12, 2014 9:05 AM
To: Brown, Matthew W CIV EXWC, EX401
Cc: Celona, Michael J CIV NAVSUP WSS, M077; Eisenbarger, John CIV NSWCCD Philadelphia, 9450
Subject: NEW SFR FORM Template updated 11/27/12

Matthew,

Since you have already talked to Adriana before contact me, we will try the SFR route.

Attached is the SFR form, we will use this to try to get an NSN.

approved so NSLC can assign a SPMIG to the OIL/POL and process my RCM and MIP package so that the troops on the ground will have the Preventative Maintenance package to perform the required maintenance to ensure the equipment meets its expected lifecycle. I have contacted the manufacture and asked if there was a substitute for this OIL/POL and the manufacture stated that we have to use this particular OIL/POL or it would void the warrantee. Basically this OIL/POL is a Compressor Oil that this particular Atlas Copco Rock Drill is equipped with. This Rock drill can be used all over the world where ever the requirement is at the time.

Please let me know as soon as you can if you or Jeff Whitman will be able to help me out with this request. I have attached all the documents I have on this issue.

Thanks for all the help.

V/R

Matthew Brown
Logistics Management Specialist, Code EX431
Naval Facilities Engineering and Expeditionary Warfare Center
BLDG 1100
23rd Avenue Port Hueneme,
CA 93043
Phone: (805) 982-3085
DSN: 551-3085
E-mail: matthew.w.brown@navy.mil

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-----Original Message-----

From: Celona, Michael J CIV NAVSUP WSS, M077

Sent: Thursday, March 06, 2014 12:09 PM

To: Brown, Matthew W CIV EXWC, EX401

Cc: He, Marianne C CIV NSWCCD Philadelphia, 6350; Stoudt, Frank CIV NAVSUP WSS, M077; Stanko, Scott CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Whitman, Jeff CIV NAVSUP WSS, M077; Bendick, John A CIV NAVSUP WSS, M077; Shull, Karen E CIV NSWCCD Philadelphia, Code 635; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Eisenbarger, John CIV NSWCCD Philadelphia, 9450; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450; Celona, Michael J CIV NAVSUP WSS, M077

Subject: HOW DO NSN'S GET ASSIGNED TO SHORE BASED ACTIVITIES?

Matt,

You requested to get an NSN assigned to a product that will be shore based only. I forwarded you the method of sending your request in via Heat Ticket. Then you stated that you don't have the Navy ERP program which (to my knowledge) is necessary to submit a Heat Ticket for NSN assignment for shore based activities. I never had to submit one myself for anything. I spoke with my second level supervisor Jeff Whitman and he requested you submit the particulars of your request, i.e. why you need the product, what the product is and where it will be used. We will take a look at it and go from there. I am no longer allowed to get NSN's assigned to products that are shore based.

Thank you.

ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 3/13/2014 FPO#: SHORE - UIC#: 62583 TYCOM: SURFLANT

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR)) SFR # 4996 ATTACHED FROM (SHIP): NAV FACIL ENG & EXPED WARFARE CENTER PRODUCT NAME: PAROIL M (LUBRICATING OIL, AIR COMPRESSOR) DATE ON SFR: 3/12/2014
NAVICP-M	3/13/2014	MC	NSN/NIIN: --- CAGE: B0552 PART NUMBER/DRAWING/SPECIFICATION: 1615 5947 00 - 1 GL
NSWCCD			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
ISEA			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: 5737/NEW MRC: NEW
LCM/ISEA			MIP/MRC: NONE
			APL: NONE AEL: NONE
NAVICP-M			APL/AEL: UNDER DEVELOPMENT
			TECHNICAL MANUAL: 7610-LL-L2A-0600 AND 0525-LP-113-5256
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: S/V6/A 1 GALLON BOTTLE. \$26.50 NOT FOUND IN DOD SUPPLY SYSTEM. MSDS & TECH DATA ATTACHED. <i>SAME MSDS APPLIES TO ALL SFR's</i>

Current Date: 3/12/2014

RECEIVED
MAR 13 2014
BY: SFR 4996

SHIP'S HAZARDOUS MATERIALS LIST (SHML)
FEEDBACK REPORT (SFR)

NIS
NIT
NIH

This form needs to be completed if the Hazardous Material
that you want to purchase is not authorized on your T-SHML

SHIP NAME: Naval Facilities Engineering and
Expeditionary Warfare Center

HULL NUMBER: N/A

TYCOM: CHOOSE ONE

UIC: 62583

Serial Number: N/A

AIRCRAFT RELATED: ☐ Yes ☒ No

I. JUSTIFICATION (To include equipment/application this material is to be used on):

This oil is intended to be used by the expeditionary NAVY (i.e. NMCB, EOD, UCT, just as a few examples). The oil could be used all around the world depending on the mission and if this piece of equipment is required. This oil will be used on an NEW procurement Atlas Copco Rock Drills, air compressor. We can't use an substitute oil because it will void the warrantee. I the ISEA need a NSN assigned so I can get this oil approved so NSLC can assign a SPMIG and process the RCM/PMS documents and get this MIP out to the Units so the proper maintains can be performed on the piece of Civil Engineering Support Equipment (CESE. I have provided three (3) part numbers below that I am looking to get NSN assigned to. Please let me know if you need any other information. Thanks

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): N/A

II. TECHNICAL DATA

MAINTENANCE INDEX PAGE (MIP) #: 5737/NEW

MAINTENANCE REQUIREMENT CARD (MRC #: NEW

APL OR AEL: Under Development

TECH MANUAL: 7610-LL-L2A-0600
0525-LP-113-5256

REV. N/A ESTIMATED YEARLY REQUIREMENT: 7 GL

III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

NSN: N/A

Page B0552

MANUFACTURER: Atlas Copco AIRPOWER NV

PHONE: 805-982-3085

ITEM OR TRADE NAME: Paroil M (LUBRICATING OIL, AIR COMPRESSOR)

PART NUMBER OR SPECIFICATION: 1615 5947 00 - 1 GL

UNIT OF ISSUE: BT

UNIT OF MEASURE: GL 1 GL BT

\$26.50

IV. ENDORSEMENTS

REQUESTORS NAME: Matthew Brown

RANK: GS11

EMAIL: Matthew.w.brown@navy.mil

DATE PREPARED: 3/12/2014

COMMANDER OR DESIGNEE NAME: Matthew Brown (ISEA)

RANK: GS11

EMAIL: Matthew.w.brown@navy.mil

DATE: 3/12/2014

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with

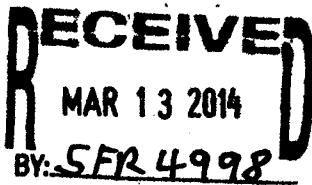
ORIGINATOR:

NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319
FAX: 717-605-3480, DSN: 430-3480

REC'D AT NAVICP: 3/13/2014 FPO#: SHORE - UIC#: 62583 TYCOM: SURFLANT

TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR)) SFR # 4998 ATTACHED FROM (SHIP): NAV FACIL ENG & EXPED WARFARE CENTER PRODUCT NAME: PAROIL M (LUBRICATING OIL, AIR COMPRESSOR) DATE ON SFR: 3/12/2014
NAVICP-M	3/13/2014	MC	NSN/NIIN: --- CAGE: B0552
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 1615 5949 00 - 55 GL
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: 5737/NEW MRC: NEW
LCM/ISEA			MIP/MRC: NONE
			APL: NONE AEL: NONE
NAVICP-M			APL/AEL: UNDER DEVELOPMENT
			TECHNICAL MANUAL: 7610-LL-L2A-0600 AND 0525-LP-113-5256
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: S/V6/A 55 GALLON DRUM. \$1,069.10 NOT FOUND IN DOD SUPPLY SYSTEM. MSDS & TECH DATA ATTACHED. SAME MSDS APPLIES TO ALL THREE SFR'S.

Current Date: 3/12/2014



SHIP'S HAZARDOUS MATERIALS LIST (SHML)
FEEDBACK REPORT (SFR)

NIS
NIT
NIM

This form needs to be completed if the Hazardous Material
that you want to purchase is not authorized on your T-SHML

SHIP NAME: Naval Facilities Engineering and
Expeditionary Warfare Center

HULL NUMBER: N/A

TYCOM: CHOOSE ONE

UIC: 62583

Serial Number: N/A

AIRCRAFT RELATED: ☐ Yes ☒ No

I. JUSTIFICATION (To include equipment/application this material is to be used on):

This oil is intended to be used by the expeditionary NAVY (i.e. NMCB, EOD, UCT, just as a few examples). The oil could be used all around the world depending on the mission and if this piece of equipment is required. This oil will be used on an NEW procurement Atlas Copco Rock Drills, air compressor. We can't use an substitute oil because it will void the warrantee. I the ISEA need a NSN assigned so I can get this oil approved so NSLC can assign a SPMIG and process the RCM/PMS documents and get this MIP out to the Units so the proper maintains can be performed on the piece of Civil Engineering Support Equipment (CESE. I have provided three (3) part numbers below that I am looking to get NSN assigned to. Please let me know if you need any other information. Thanks

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): N/A

II. TECHNICAL DATA

MAINTENANCE INDEX PAGE (MIP) #: 5737/NEW

MAINTENANCE REQUIREMENT CARD (MRC #: NEW

APL OR AEL: Under Development

TECH MANUAL: 7610-LL-L2A-0600
0525-LP-113-5256

REV. N/A ESTIMATED YEARLY REQUIREMENT: 7 GL

III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

NSN: N/A

MANUFACTURER: Atlas Copco AIR POWER NV

PHONE: 805-982-3085

ITEM OR TRADE NAME: Paroil M (LUBRICATING OIL, AIR COMPRESSOR)

PART NUMBER OR SPECIFICATION: 1615 5949 00 - 55 GL

UNIT OF ISSUE: DR

UNIT OF MEASURE: GL

55 GLDR

41,069.10

IV. ENDORSEMENTS

REQUESTORS NAME: Matthew Brown

RANK: GS11

EMAIL: Matthew.w.brown@navy.mil

DATE PREPARED: 3/12/2014

COMMANDER OR DESIGNEE NAME: Matthew Brown (ISEA)

RANK: GS11

EMAIL: Matthew.w.brown@navy.mil

DATE: 3/12/2014

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with

Celona, Michael J CIV NAVSUP WSS, M077

From: Butch.Schoch@us.atlascopco.com
Sent: Wednesday, September 17, 2014 14:56
To: Shelley.Maddux@us.atlascopco.com
Cc: Celona, Michael J CIV NAVSUP WSS, M077
Subject: Fw: Product Contact us page

Hi Shelley,

Please see the request below. Thank you.

Best regards,

Butch Schoch
Parts Specialist

address Atlas Copco Compressors, LLC
260 Corporate Drive
Reading, Pa. 19605 phone Phone: 610-916-8102
Fax: 610-376-4998

email butch.schoch@us.atlascopco.com <mailto:butch.schoch@us.atlascopco.com> Web
<http://www.atlascopco.com> <<http://www.atlascopco.com/>>

Committed to sustainable productivity Facebook <<https://www.facebook.com/atlascopco>> Twitter
<<https://twitter.com/AtlasCopcoGroup>> LinkedIn <<http://www.linkedin.com/company/atlas-copco>> Youtube
<<http://www.youtube.com/user/atlascopcogroup>>

Atlas Copco <<http://www.youtube.com/watch?v=VPbxzynoIQw&feature=youtu.be>>

----- Forwarded by Butch Schoch/HOL/CT/ATLAS COPCO on 09/17/2014 02:51 PM -----

From: Gerry Hampton/HOY/CT/ATLAS COPCO
To: Butch Schoch/HOL/CT/ATLAS COPCO@ATLAS COPCO
Date: 09/17/2014 12:46 PM
Subject: Fw: Product Contact us page

Butch, can you help with the below?

Best regards,

Gerry Hampton
Sales Leads Administrator

address Atlas Copco Compressors, LLC
2908 Westpoint Blvd., Suite A
Winston-Salem, NC 27103 phone Phone: 336-397-3921

email gerry.hampton@us.atlascopco.com <mailto:gerry.hampton@us.atlascopco.com> Web
http://www.atlascopco.com <http://www.atlascopco.com/>

Committed to sustainable productivity Facebook <<https://www.facebook.com/atlascopco>> Twitter
<<https://twitter.com/AtlasCopcoGroup>> LinkedIn <<http://www.linkedin.com/company/atlas-copco>> Youtube
<<http://www.youtube.com/user/atlascopcogroup>>

Atlas Copco <<http://www.youtube.com/watch?v=VPbxzynoIQw&feature=youtu.be>>

----- Forwarded by Gerry Hampton/HOY/CT/ATLAS COPCO on 09/17/2014 12:46 PM -----

From: AtlasCopco_webmaster@se.atlascopco.com
To: marketing.services@us.atlascopco.com
Date: 09/17/2014 12:45 PM
Subject: Product Contact us page

Product Contact us page

First name Michael
Last name Celona
Company name U. S. NAVY
Region / Postcode Mechanicsburg PA 17055-0788
Country USA
Product category Air and gas compressors
E-mail mike.celona@navy.mil
Telephone 717-605-8319
How can we contact you? By e-mail
By phone
Your request:

Situation serious. I need to get TWO NSN'S assigned to PAROIL M COMPRESSOR OIL, PRODUCT CODE 1616694900-55GL AND 1615594700-1GL. The rules state that we are to get a copy of the label of the container (front and back) emailed to us so we can forward the request to the provisioner. Until that is done the navy cannot use your product. Please email a

copy of the labe for the 1 Gallon and 55 Gallon drum so I can get the NSN's assigned and the Navy can purchase your product. Thank you. Respectfully, Mike Michael J. Celona Environmental Protection Specialist NAVSUP Weapon Systems Support (NWSS), 5450 Carlisle Pike, Code N242 P.O. Box 2020 Mechanicsburg Pa. 17055-0788 Phone: (717) 605-8319 DSN: 430-8319 Fax: (717) 605-3480 DSN: Fax: 430-3480 mike.celona@navy.mil ` "There is nothing, no circumstance, no trouble, no testing that can ever touch me until, first of all, it has come past God and past Christ, right through to me. If it has come that far it has come with a great purpose." Rev. Alan Redpath

Material Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Material Name : PAROIL M
Uses : Compressor oil.
Product Code : 0017 5800 50
Manufacturer/Supplier : Atlas Copco Airpower nv
Boonsesteenweg 957
B-2610 Wilrijk
Telephone : Please contact the nearest Atlas Copco Sales Company or the
Atlas Copco Airpower office in Belgium: +32 3 870 2111 (8am-5pm CET)
Email Contact for MSDS : info.lubricants.cts@group.atlascopco.com
Emergency Telephone Number : Only for medical related issues, please contact Medical service of
Atlas Copco Airpower in Belgium: +32 3 870 2105 (8am-5pm CET)

2. HAZARDS IDENTIFICATION

EC Classification : Not classified as dangerous under EC criteria.
Health Hazards : Not expected to be a health hazard when used under normal conditions.
Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis. Used oil may contain harmful impurities.
Signs and Symptoms : Oil acne/folliculitis signs and symptoms may include Formation of black pustules and spots on the skin of exposed areas. Ingestion may result in nausea, vomiting and/or diarrhoea.
Safety Hazards : Not classified as flammable but will burn.
Environmental Hazards : Not classified as dangerous for the environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Preparation description : Highly refined mineral oils and additives.
Additional Information : The highly refined mineral oil contains <3% (w/w) DMSO-extract, according to IP346.

4. FIRST AID MEASURES

General Information : Not expected to be a health hazard when used under normal conditions.
Inhalation : No treatment necessary under normal conditions of use. If symptoms persist, obtain medical advice.
Skin Contact : Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention.
Eye Contact : Flush eye with copious quantities of water. If persistent irritation occurs, obtain medical attention.
Ingestion : In general no treatment is necessary unless large quantities are swallowed; however, get medical advice.
Advice to Physician : Treat symptomatically.

Material Safety Data Sheet

5. FIRE FIGHTING MEASURES

Clear fire area of all non-emergency personnel.

- Specific Hazards** : Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds.
- Suitable Extinguishing Media** : Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
- Unsuitable Extinguishing Media** : Do not use water in a jet.
- Protective Equipment For Firefighters** : Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.
-

6. ACCIDENTAL RELEASE MEASURES

Avoid contact with spilled or released material. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe all relevant local and international regulations.

- Protective measures** : Avoid contact with skin and eyes. Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers.
- Clean Up Methods** : Slippery when spilt. Avoid accidents, clean up immediately. Prevent from spreading by making a barrier with sand, earth or other containment material. Reclaim liquid directly or in an absorbent. Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly.
- Additional Advice** : Local authorities should be advised if significant spillages cannot be contained. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. For guidance on disposal of spilled material see Chapter 13 of this Material Safety Data Sheet.
-

7. HANDLING AND STORAGE

- General Precautions** : Use local exhaust ventilation if there is risk of inhalation of vapours, mists or aerosols. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.
- Handling** : Avoid prolonged or repeated contact with skin. Avoid Inhaling vapour and/or mists. When handling product in drums, safety footwear should be worn and proper handling equipment should be used.
- Storage** : Keep container tightly closed and in a cool, well-ventilated place. Use properly labelled and closeable containers. Storage Temperature: 0 50°C / 32 - 122°F
- Recommended Materials:** For containers or container linings, use mild steel or high density polyethylene.
- Unsuitable Materials** : PVC.
- Additional Information** : Polyethylene containers should not be exposed to high temperatures because of possible risk of distortion.

Material Safety Data Sheet

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

If the American Conference of Governmental Industrial Hygienists (ACGIH) value is provided on this document, it is provided for information only.

Occupational Exposure Limits

Material	Source	Type	ppm	mg/m3	Notation
Oil mist, mineral	OEL (BE)	TWA [Mist.]		5 mg/m3	
	OEL (BE)	STEL [Mist.]		10 mg/m3	
	ACGIH	TWA(Inhalable fraction.)		5 mg/m3	

- Exposure Controls** : The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances.
- Personal Protective Equipment** : Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.
- Respiratory Protection** : No respiratory protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for combined particulate/organic gases and vapours [boiling point >65 °C (149 °F)] meeting EN141.
- Hand Protection** : Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374, US: F739) made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturizer is recommended.
- Eye Protection** : Wear safety glasses or full face shield if splashes are likely to occur. Approved to EU Standard EN166.
- Protective Clothing** : Skin protection not ordinarily required beyond standard Issue work clothes.
- Monitoring Methods** : Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls. For some substances biological monitoring may also be appropriate.
- Environmental Exposure Controls** : Minimise release to the environment. An environmental assessment must be made to ensure compliance with local environmental legislation.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Clear light brown. Liquid at room temperature.
- Odour** : Slight hydrocarbon.

Material Safety Data Sheet

pH	: Not applicable.
Initial Boiling Point and Boiling Range	: > 280 °C / 536 °F estimated value(s)
Pour point	: Typical -24 °C / -11 °F
Flash point	: Typical 210 °C / 410 °F (PMCC / ASTM D3278)
Upper /lower Flammability or Explosion limits	: Typical 1 - 10 %(V) (based on mineral oil)
Auto-ignition temperature	: > 320 °C / 608 °F
Vapour pressure	: < 0,5 Pa at 20 °C / 68 °F (estimated value(s))
Density	: Typical 875 kg/m ³ at 15 °C / 59 °F
Water solubility	: Negligible.
Solubility in other solvents	: Data not available
n-octanol/water partition coefficient (log Pow)	: > 6 (based on information on similar products)
Dynamic viscosity	: Data not available
Kinematic viscosity	: Typical 46 mm ² /s at 40 °C / 104 °F
Vapour density (air=1)	: > 1 (estimated value(s))
Other Information	: not a VOC
Volatile organic carbon content	: 0%
Evaporation rate (nBuAc=1)	: Data not available
Decomposition Temperature	: Data not available

10. STABILITY AND REACTIVITY

Stability	: Stable.
Conditions to Avoid	: Extremes of temperature and direct sunlight.
Materials to Avoid	: Strong oxidising agents.
Hazardous	: Hazardous decomposition products are not expected to
Decomposition Products	: Form during normal storage.

11. TOXICOLOGICAL INFORMATION

Basis for Assessment	: Information given is based on data on the components and the toxicology of similar products.
Acute Oral Toxicity	: Expected to be of low toxicity: LD50 > 5000 mg/kg
Acute Dermal Toxicity	: Expected to be of low toxicity: LD50 > 5000 mg/kg
Acute Inhalation Toxicity	: Not considered to be an inhalation hazard under normal conditions of use.
Skin Irritation	: Expected to be slightly irritating.
Eye Irritation	: Expected to be slightly irritating.
Respiratory Irritation	: Inhalation of vapours or mists may cause irritation.
Sensitisation	: Not expected to be a skin sensitiser.
Repeated Dose Toxicity	: Not expected to be a hazard.
Mutagenicity	: Not considered a mutagenic hazard.
Carcinogenicity	: Product contains mineral oils of types shown to be non carcinogenic in animal skin-painting studies. Highly refined mineral oils are not classified as carcinogenic by the International Agency for Research on Cancer (IARC). Other components are not known to be associated with carcinogenic effects.
Reproductive and Developmental Toxicity	: Not expected to be a hazard.
Additional Information	: Used oils may contain harmful impurities that have accumulated during use.

Material Safety Data Sheet

the concentration of such impurities will depend on use and they may present risks to health and the environment on disposal. ALL used oil should be handled with caution and skin contact avoided as far as possible. Continuous contact with used engine oils has caused skin cancer in animal tests.

12. ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

- Acute Toxicity** : Poorly soluble mixture. May cause physical fouling of aquatic organisms. expected to be practically non toxic: LL/EL/IL50 > 100 mg/l (to aquatic organisms) (LL/EL50 expressed as the nominal amount of product required to prepare aqueous test (extract). Mineral oil is not expected to cause any chronic effects to aquatic organisms at concentrations less than 1 mg/l.
- Mobility** : Liquid under most environmental conditions. Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile.
- Persistence/ degradability** : Expected to be not readily biodegradable. Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment.
- Bioaccumulation** : Contains components with the potential to bioaccumulate.
- Other Adverse Effects** : Product is a mixture of non-volatile components, which are not expected to be released to air in any significant quantities. Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

13. DISPOSAL CONSIDERATIONS

- Material Disposal** : Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses.
- Container Disposal** : Dispose in accordance with prevailing regulations, preferably to a recognised collector or contractor. The competence of the collector or contractor should be established beforehand.
- Local Legislation** : Disposal should be in accordance with applicable regional, national, and local laws and regulations. EU Waste Disposal Code (EWC): 13 02 06 mineral-based non chlorinated engine, gear and lubricating oils. Classification of waste is always the responsibility of the end user.

14. TRANSPORT INFORMATION

ADR

This material is not classified as dangerous under ADR regulations.

RID

This material is not classified as dangerous under RID regulations.

ADNR

This material is not classified as dangerous under ADNR regulations.

IMDG

This material is not classified as dangerous under IMDG regulations.

Material Safety Data Sheet

IATA (Country variations may apply)

This material is not classified as dangerous under IATA regulations or needs to follow country specific requirements.

15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

EC Classification	:	Not classified as dangerous under EC criteria.
EC Symbols	:	No Hazard Symbol required
EC Risk Phrases	:	Not classified.
EC Safety Phrases	:	Not classified.
Chemical Inventory Status		
EINECS	:	All components listed or polymer exempt.
TSCA	:	All components listed.

16. OTHER INFORMATION

R-phrases(s)	:	Not Classified.
MSDS Version Number	:	1.3
MSDS Effective Date	:	01.04.2012
MSDS Revisions	:	A vertical bar () in the left margin indicates an amendment from the previous version.
MSDS Regulation	:	Regulation 1907/2006/EC
MSDS Distribution	:	The information in this document should be made available to all who may handle the product.
Disclaimer	:	This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



DEFENSE LOGISTICS AGENCY

Logistics Information Service

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BINCS

Company Details

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BINCS Information

DUNS Number:

JCP Cert. Number:

CAGE Code: B0552

CAGE Information

Company Name: ATLAS COPCO AIRPOWER NV

Status: Active Record

Parent CAGE:

Address: BOOMSESTEENWEG957 ZS-FM-PB 104

P.O. Box:

City: WILRIJK

Postal Zone: 2610

CAO-ADP:

State/Province:

Country: BEL

Voice Phone Number: 32 3 870 21 11

Fax Phone Number: 32 3 870 28 85

Date CAGE Code Established: 3/11/1975

Last Updated: 9/24/2011

Point of Contact:

Company Web Site:

PROD - v2.6.15244.4

DLA Customer Interaction Center (CIC) Toll Free: 1-877-352-2255 or DSN 661-7766 Email: dlacontactcenter@dla.mil
[Privacy/Security](#) | [Accessibility/Section 508](#) | [Contact Webmaster](#) | [Download Acrobat](#) | [Download MS Word Viewer](#)

Application - v1.0.0.0

Last Updated: 2013-09-23

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Thursday, September 18, 2014 9:22
To: Richardson, David W CTR CNAP, N412
Cc: Celona, Michael J CIV NAVSUP WSS, M077
Subject: FW: Paroil M SFR 4996 & 4998 labels
Attachments: pic of back label 5 gal paroil M.JPG; pic of front label 5 gal paroil M.JPG
Signed By: mike.celona@navy.mil

Importance: High

Dave,

These are the labels for SFR's 4996 & 4998 NSN assignment request.

Thank you.
Mike

Michael J. Celona
Environmental Protection Specialist
NAVSUP Weapon Systems Support (NWSS),
5450 Carlisle Pike,
Code N242
P.O. Box 2020
Mechanicsburg Pa. 17055-0788
Phone: (717) 605-8319
DSN: 430-8319
Fax: (717) 605-3480
DSN: Fax: 430-3480
mike.celona@navy.mil

"There is nothing, no circumstance, no trouble, no testing that can ever touch me until, first of all, it has come past God and past Christ, right through to me. If it has come that far it has come with a great purpose." Rev. Alan Redpath

-----Original Message-----

From: Shelley.Maddux@us.atlascopco.com [mailto:Shelley.Maddux@us.atlascopco.com]
Sent: Wednesday, September 17, 2014 4:43 PM
To: Celona, Michael J CIV NAVSUP WSS, M077
Subject: Paroil M SFR 4996 & 4998 labels
Importance: High

I was am waiting for pics of labels for the part# 1615 5947 00 - 1 gal and 1615 5949 00 - 55 gal PAROIL M. I was able to obtain the front and back labels for PAROIL M 5 gal and hope this can work for you until I can get the other pics.

Best regards,

Shelley Maddux

Government Contract Sales Administrator
Atlas Copco Mining and Rock Excavation

Mining, Rock Excavation and Construction LLC
11825 W Carmen Ave
Milwaukee, WI 53225 USA
Phone: +1 (414) 760-1193; Fax: +1 (414) 760-7963
Cell: +1 (414) 507-7340
E-mail: Shelley.Maddux@us.atlascopco.com <<mailto:Shelley.Maddux@us.atlascopco.com>>
Visit Atlas Copco at: www.atlascopco.us
Read about our products in action at www.miningandconstruction.com and www.deepholedriller.com

Committed to sustainable productivity

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Thursday, September 18, 2014 9:23
To: Eisenbarger, John CIV NSWCCD Philadelphia, 9450
Cc: Celona, Michael J CIV NAVSUP WSS, M077
Subject: FW: Paroil M SFR 4996 & 4998 labels
Attachments: pic of back label 5 gal paroil M.JPG; pic of front label 5 gal paroil M.JPG
Signed By: mike.celona@navy.mil

Importance: High

John,

These are the labels for SFR 4996 7 4998 NSN assignment request.
Thank you.
Mike

-----Original Message-----

From: Shelley.Maddux@us.atlascopco.com [mailto:Shelley.Maddux@us.atlascopco.com]
Sent: Wednesday, September 17, 2014 4:43 PM
To: Celona, Michael J CIV NAVSUP WSS, M077
Subject: Paroil M SFR 4996 & 4998 labels
Importance: High

I was am waiting for pics of labels for the part# 1615 5947 00 - 1 gal and 1615 5949 00 - 55 gal PAROIL M. I was able to obtain the front and back labels for PAROIL M 5 gal and hope this can work for you until I can get the other pics.

Best regards,

Shelley Maddux
Government Contract Sales Administrator
Atlas Copco Mining and Rock Excavation

Mining, Rock Excavation and Construction LLC
11825 W Carmen Ave
Milwaukee, WI 53225 USA
Phone: +1 (414) 760-1193; Fax: +1 (414) 760-7963
Cell: +1 (414) 507-7340
E-mail: Shelley.Maddux@us.atlascopco.com <mailto:Shelley.Maddux@us.atlascopco.com>
Visit Atlas Copco at: www.atlascopco.us
Read about our products in action at www.miningandconstruction.com and www.deepholedriller.com

Committed to sustainable productivity

Atlas Copco

PAR M

OFFER 1010 1010 00

20

9888051 29/11/13

vorring and seek medical assistance. Protect the environment and dispose of responsibly. Safety data sheet available for professional use on request.

FR: Éviter tout contact prolongé et répété avec la peau. Eviter l'ingestion, ne verser dans une poubelle ni dans un égout. Protéger l'environnement et débarrasser vous du produit de manière responsable. Le fiche de sécurité du produit est à disposition des utilisateurs professionnels sur simple demande.

DE: Vermeiden langer und wiederholter Hautkontakt. Bei Verschlucken kein Erbrechen herbeiführen und sofort ärztlichen Rat einholen. Die Umwelt schützen und das Produkt verantwortungsbewusst entsorgen. Sicherheitsdatenblatt ist bei Bedarf bei Hersteller oder Händler erhältlich.

E: Evitar contacto repetido o prolongado con la piel. Evitar la ingestión, no incluir o verter a peticas residuos médicos. Proteger el ambiente y eliminar o producto de forma responsable. A ficha de segurança do produto está disponível sob pedido.

E: Evitar contacto con la piel prolongado y repetitivo. Evitar la ingestión, no incluir el residuo y no verterlos a la basura. Proteger el medio ambiente y eliminar el producto de forma responsable y a petición.

GB: Avoid prolonged contact with the skin. Avoid ingestion, do not include in waste or dispose of in the bin. Protect the environment and dispose of responsibly. Safety data sheet available for professional use on request.

NL: Vermijd lang en herhaaldelijk huidcontact. In geval van inname, geen braken veroorzaken en medische hulp inroepen. Bescherm het milieu en voer af product op een verantwoorde wijze af. Veiligheidsinformatie op aanvraag verkrijgbaar voor de professionals.

Made in EU

DK: Undgå længvarig og gentagen kontakt med huden. Ved øjenkontakt undgå at provokere opkastning og søg læge. Beskyt miljøet og bortskaf på forsvarlig vis. Sikkerhedsdatablad for professionelle brugere fås på forespørgsel.

FIN: Vält pitkäkesti ja toistuvasti ihokontaktia. Vält silmäyhteyttä. Vält provokointia oksentukseen ja hakeudu lääketieteelliseen apuun. Ympäristöä suojaa ja hävittä jätteen vastuullisesti. Ammattikäyttöön tarkoitettu turvallisuusohje saatavana pyynnällä.

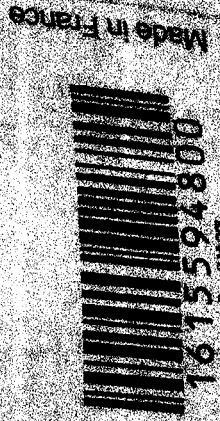
S: Undgå långvarig och upprepad hudkontakt. Vid ögonkontakt, undgå att provocera illamående och sök läkare. Skydda miljön och bortskaffa på ett ansvarligt sätt. Sikkerhedsdatablad tilgængeligt på forespørgsel for professionelle brugere.

N: Undgå vedvarende og gjentaget kontakt med huden. Ved øjenkontakt, undgå at provokere opkastning, og søg læge. Beskyt miljøet og bortskaf på et ansvarligt måde. Sikkerhedsdatablad er tilgængeligt på forespørgsel for professionelle brugere.

I: Evitare il prolungato contatto con la pelle. Se ingerito, non indurre il vomito e rivolgersi ad un medico. Proteggere l'ambiente e smaltire responsabilmente. Su richiesta sono disponibili le schede dati di sicurezza per utenti professionali.

PL: Unikaj długotrwałych i częstych kontaktów ze skórą. W przypadku spożycia nie wywołuj wymiotów i skontaktować się z lekarzem. Specjalistyczne instrukcje bezpieczeństwa dostępne na życzenie.

RUS: Избегать длительного и повторного контакта с кожей. В случае проглатывания не вызывать рвоту и обратиться к врачу. Берегите окружающую среду - утилизируйте responsibly. Информацию о безопасности можно получить по запросу.



Atlas Copco

Premium quality Compressor Oil
For maximum performance and protection



PAROIL M

PAROIL S

Engineered to protect

PAROIL is the ONLY oil tested and approved for use in all Atlas Copco compressors. Extensive laboratory and field endurance tests on Atlas Copco equipment have proven PAROIL to match all lubrication demands in varied conditions. This is critical for reliability and reduced whole life operating costs. PAROIL meets stringent quality control specifications to ensure your equipment will run smoothly and reliably.

Atlas Copco

PAROIL compressor oil from Atlas Copco:

It's the economical and smart solution

The quality lubricator additives in PAROIL allow for extended oil change intervals without any loss in performance and compressor longevity. Less time and money is spent changing oil, reducing operating costs without compromising reliability.

PAROIL M

A mineral based, premium quality oil with a high viscosity-index. Atlas Copco PAROIL M is purpose developed to provide high levels of performance and protection

- for single stage compressors in low-pressure applications.
- for compressors working in 'standard' ambient temperatures between -10°C and +40°C.

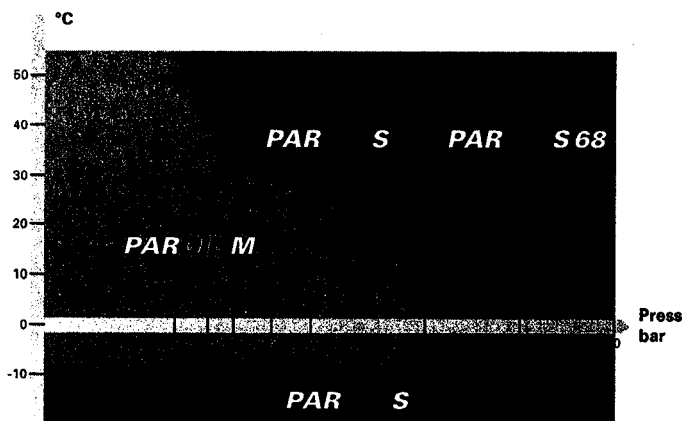
PAROIL S

A fully synthetic Premium Quality oil with a high viscosity index. The Atlas Copco PAROIL S is designed to provide optimum levels of performance and protection.

- for two stage compressors in high pressure applications
- for all portable compressors in ambient temperatures between 25°C and +50°C

The Atlas Copco PAROIL S68 variant is typically designed for compressors in high pressure applications, continuously running in high ambient temperatures.

(technical details available upon request)



Atlas Copco PAROIL

PAROIL from Atlas Copco delivers outstanding performance:

• Excellent water separation

Emulsified water in oil reduces the flow to lubricating points, encourages the formation of harmful deposits and damages the bearings. To prevent this, PAROIL permits easy separation and drainage of any condensed moisture in the compressor.

• High oxidation resistance

Atlas Copco PAROIL contains premium quality anti-oxidant additives. These help to minimise deposits and the formation of sludge and contaminants, that tend to build up under very high temperatures.

PAROIL long-life detergent additives keep the compressor internals clean, and prevent contaminants clogging the filter elements.

• Balanced composition

PAROIL combines superior heat absorbing and release characteristics for cooler running with excellent antifoaming. The latter ensures the rapid separation of air and lubricant in the compressor oil separator, keeps the oil clean and prevents blocking of the oil separation filter, guaranteeing a low oil carry-over.

• Superb anti-wear performance

PAROIL reduces the adverse effects of moisture contamination with powerful anti-corrosion characteristics to protect the seals, bearings and rotors of the compressor.

PAROIL has high-chemical stability and rust-inhibiting additives to further protect bearings and moving parts from acidic attack.

Where longevity counts, PAROIL delivers.

Atlas Copco PAROIL compressor oil is supplied in three containers sizes to suit customer requirements



PAROIL M

5 l	1615 5947 00
20 l	1615 5948 00
210 l	1615 5949 00

PAROIL S

5 l	1615 5950 01
20 l	1615 5951 01
210 l	1615 5952 01
1000 l	1604 7422 00

PAROIL S68

20 l	1604 7136 00
210 l	1604 7137 00

Atlas Copco

Use only authorized parts. Warranty or Product Liability does not cover any damage or malfunction caused by the use of unauthorized parts.



www.atlascopco.com

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Thursday, June 12, 2014 14:47
To: Brown, Matthew W CIV EXWC, EX401
Cc: Sanders, Jason E CIV EXWC, EX401; Kirkbride, William E CIV EXWC, EX401; Wadman, Christopher J CIV NSLC, NSLC SDNS; Thompson, Curtis L CIV NAVSEA, 05315; Blinick, William B CIV NSLC, NSLC Portsmouth Va.; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450; Rowe, Arthur T CIV MSFSC, N41; Armacost, Andrew H CIV MSC, N46; Eisenbarger, John CIV NSWCCD Philadelphia, 9450
Subject: NSN ASSIGNMENT (ANSWER): SHORE BASED ACTIVITY; SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR) #4997

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code N242
To: Naval Facilities Engineering and Expeditionary Warfare Center, Port Hueneme, CA

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR's)

Attn: Matthew Brown

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code N242, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4996) PAROIL M (LUBRICATING OIL, AIR COMPRESSOR), (Part# 1615 5947 00 - 1 GL (1 GALLON PLASTIC BOTTLE), NSN: None
(d) (SFR #4997) PAROIL M (LUBRICATING OIL, AIR COMPRESSOR), (Part# 1615 5948 00 - 5 GL (5 GALLON PLASTIC BOTTLE), NSN: None
(e) (SFR #4998) PAROIL M (LUBRICATING OIL, AIR COMPRESSOR), (Part# 1615 5949 00 - 55 GL (55 GALLON DRUM), NSN: None
(f) POC for the Naval Facilities Engineering and Expeditionary Warfare Center, Port Hueneme, CA: Matthew Brown, Logistics Management Specialist, Code EX431, Tel: (805-982-3085
(g) NSWCCD-SSES Philadelphia, Pa POC John Eisenbarger, Tel: (215) 897-7434

1. Per reference (a), reference (b) received reference (c) through (e) SFR requests from reference (f). Each SFR is reviewed and is assigned an SFR number by reference (b) and processed through the Hardware Systems Command (HSC) Technical Authorities reference (b) and (f). The following information provides the current status of your SFR's.
2. Ref (f) approved for NSN's to be assigned to ref (c) through (e) SFR's. Ref (b) created and submitted the NSN Assignment package to ref (g) TA for NSN assignment.
3. Ref (c) and (e) SFR's #4996 & 4998 are still awaiting T-NICN/NSN assignment. All POC's will be notified of the new T-NICN/NSN's when it is assigned.
4. Concerning ref (d), SFR# 4997, NSN: 9150-01-580-2967 has been assigned to PAROIL M (LUBRICATING OIL, AIR COMPRESSOR), Part# 1615 5948 00. NSN: 9150-01-580-2967 and has been added to the Master SHML with an Allowed On Board (AOB) Code of "P" (PROHIBITED FOR SHIPBOARD USE-FOR SHORE BASED USE ONLY).
5. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code N242, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

Celona, Michael J CIV NAVSUP WSS, M077

From: Brown, Matthew W CIV EXWC, EX401
Sent: Wednesday, March 12, 2014 14:46
To: Stanko, Scott CIV NAVSUP WSS, M077
Cc: Celona, Michael J CIV NAVSUP WSS, M077; Eisenbarger, John CIV NSWCCD Philadelphia, 9450; Sanders, Jason E CIV EXWC, EX401; Kirkbride, William E CIV EXWC, EX401; Wadman, Christopher J CIV NSLC, NSLC SDNS; Thompson, Curtis L CIV NAVSEA, 05315; Blinick, William B CIV NSLC, NSLC Portsmouth Va.
Subject: RE: NEW SFR FORM Template updated 11/27/12
Attachments: SHML SFR FORM Atlas Copco Rock Drill_ISEA-144.dot
Signed By: matthew.w.brown@navy.mil

RECEIVED
MAR 13 2014
BY: SFR 4996-4998

Scott,

Please let me know if you need anything else, to get this processed in a timely manner. Thanks for all the help.

V/R

Matthew Brown
Logistics Management Specialist, Code EX431
Naval Facilities Engineering and Expeditionary Warfare Center
BLDG 1100
23rd Avenue Port Hueneme,
CA 93043
Phone: (805) 982-3085
DSN: 551-3085
E-mail: matthew.w.brown@navy.mil

approved per Matt Brown. Per S. Stanko, when NSNS are assigned Remarks should read "Shore based use only".

*MASTER SHML - P
ALL T-SHMLS - P*

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-----Original Message-----

From: Stanko, Scott CIV NAVSUP WSS, M077
Sent: Wednesday, March 12, 2014 9:05 AM
To: Brown, Matthew W CIV EXWC, EX401
Cc: Celona, Michael J CIV NAVSUP WSS, M077; Eisenbarger, John CIV NSWCCD Philadelphia, 9450
Subject: NEW SFR FORM Template updated 11/27/12

Matthew,

Since you have already talked to Adriana before contact me, we will try the SFR route.

Attached is the SFR form, we will use this to try to get an NSN.

approved so NSLC can assign a SPMIG to the OIL/POL and process my RCM and MIP package so that the troops on the ground will have the Preventative Maintenance package to perform the required maintenance to ensure the equipment meets its expected lifecycle. I have contacted the manufacture and asked if there was a substitute for this OIL/POL and the manufacture stated that we have to use this particular OIL/POL or it would void the warrantee. Basically this OIL/POL is a Compressor Oil that this particular Atlas Copco Rock Drill is equipped with. This Rock drill can be used all over the world where ever the requirement is at the time.

Please let me know as soon as you can if you or Jeff Whitman will be able to help me out with this request. I have attached all the documents I have on this issue.

Thanks for all the help.

V/R

Matthew Brown
Logistics Management Specialist, Code EX431
Naval Facilities Engineering and Expeditionary Warfare Center
BLDG 1100
23rd Avenue Port Hueneme,
CA 93043
Phone: (805) 982-3085
DSN: 551-3085
E-mail: matthew.w.brown@navy.mil

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-----Original Message-----

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Thursday, March 06, 2014 12:09 PM
To: Brown, Matthew W CIV EXWC, EX401
Cc: He, Marianne C CIV NSWCCD Philadelphia, 6350; Stoudt, Frank CIV NAVSUP WSS, M077; Stanko, Scott CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Whitman, Jeff CIV NAVSUP WSS, M077; Bendick, John A CIV NAVSUP WSS, M077; Shull, Karen E CIV NSWCCD Philadelphia, Code 635; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Eisenbarger, John CIV NSWCCD Philadelphia, 9450; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450; Celona, Michael J CIV NAVSUP WSS, M077
Subject: HOW DO NSN'S GET ASSIGNED TO SHORE BASED ACTIVITIES?

Matt,

You requested to get an NSN assigned to a product that will be shore based only. I forwarded you the method of sending your request in via Heat Ticket. Then you stated that you don't have the Navy ERP program which (to my knowledge) is necessary to submit a Heat Ticket for NSN assignment for shore based activities. I never had to submit one myself for anything. I spoke with my second level supervisor Jeff Whitman and he requested you submit the particulars of your request, i.e. why you need the product, what the product is and where it will be used. We will take a look at it and go from there. I am no longer allowed to get NSN's assigned to products that are shore based.

Thank you.

(g) NSWCCD-SSES Philadelphia, Pa POC John Eisenbarger, Tel: (215) 897-7434

1. Per reference (a), reference (b) received reference (c) through (e) SFR's from reference (f). These SFR's were reviewed and is assigned an SFR number by reference (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) reference (f).
2. Reference (f) approved reference (c) through (e) products for use and authorized an NSN to be assigned to each one.
3. Request reference (g) provide NSN assignment for reference (c) through (e) SFR products.
4. To reference (f) POC: Reference (b) has forwarded your SFR package to reference (g) TA for NSN assignment. When the NSN's are assigned, all POC's will be advised of this action. The new NSN's will then be added to the Master SHML with an Allowed On Board (AOB) code of "P" (PROHIBITED FOR SHIPBOARD USE-SHORE BASED USE ONLY). All T-SHMLs will remain prohibited.
5. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Thursday, March 13, 2014 14:30
To: Eisenbarger, John CIV NSWCCD Philadelphia, 9450
Cc: Celona, Michael J CIV NAVSUP WSS, M077
Subject: SFR 4996-4998 NSN ASSIGNMENT REQUEST
Attachments: SFR 4996-4998 NSN ASSIGN REQ.pdf
Signed By: mike.celona@navy.mil

ORIGINATOR: NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
REC'D AT NAVICP: 3/13/2014 FPO#: SHORE - UIC#: 62583 TYCOM: SURFLANT			
TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR)) SFR # 4997 ATTACHED FROM (SHIP): NAV FACIL ENG & EXPED WARFARE CENTER PRODUCT NAME: PAROIL M (LUBRICATING OIL, AIR COMPRESSOR) DATE ON SFR: 3/12/2014
NAVICP-M	3/13/2014	MC	NSN/NIIN: --- CAGE: B0552- 3C440
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 1615 5948 00 - 5 GL
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: 5737/NEW MRC: NEW 9B9150-01-580-2967
LCM/ISEA			MIP/MRC: NONE
			APL: NONE AEL: NONE
NAVICP-M			APL/AEL: UNDER DEVELOPMENT
			TECHNICAL MANUAL: 7610-LL-L2A-0600 AND 0525-LP-113-5256
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: S/V6/A 5 GALLON BOTTLE. \$106.91 NOT FOUND IN DOD SUPPLY SYSTEM. MSDS & TECH DATA ATTACHED. SAME MSDS APPLIES TO ALL THREE SFR'S.

*Part in
Shml Remarks
"Shore based use only"*

Current Date: 3/12/2014

RECEIVED
MAR 13 2014
BY: SFR 4997

**SHIP'S HAZARDOUS MATERIALS LIST (SHML)
FEEDBACK REPORT (SFR)**

NIS
NIT
NIH

This form needs to be completed if the Hazardous Material
that you want to purchase is not authorized on your T-SHML

SHIP NAME: Naval Facilities Engineering and
Expeditionary Warfare Center

HULL NUMBER: N/A

TYCOM: CHOOSE ONE

UIC: 62583

Serial Number: N/A

AIRCRAFT RELATED: ☐ Yes ☒ No

I. JUSTIFICATION (To include equipment/application this material is to be used on):

This oil is intended to be used by the expeditionary NAVY (i.e. NMCB, EOD, UCT, just as a few examples). The oil could be used all around the world depending on the mission and if this piece of equipment is required. This oil will be used on an NEW procurement Atlas Copco Rock Drills, air compressor. We can't use an substitute oil because it will void the warrantee. I the ISEA need a NSN assigned so I can get this oil approved so NSLC can assign a SPMIG and process the RCM/PMS documents and get this MIP out to the Units so the proper maintains can be performed on the piece of Civil Engineering Support Equipment (CESE. I have provided three (3) part numbers below that I am looking to get NSN assigned to. Please let me know if you need any other information. Thanks

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable): N/A

II. TECHNICAL DATA

9B-9150-01-580-2967

MAINTENANCE INDEX PAGE (MIP) #: 5737/NEW

MAINTENANCE REQUIREMENT CARD (MRC #: NEW

APL OR AEL: Under Development

TECH MANUAL: 7610-LL-L2A-0600
0525-LP-113-5256

REV. N/A ESTIMATED YEARLY REQUIREMENT: 7 GL

III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

NSN: N/A

MANUFACTURER: Atlas Copco AIRPOWER NV

PHONE: 805-982-3085

ITEM OR TRADE NAME: Paroil M. (LUBRICATING OIL, AIR COMPRESSOR)

PART NUMBER OR SPECIFICATION: 1615 5948 00 - 5 GL

Cage B0552
Use Cage
3CU40

UNIT OF ISSUE: BT

UNIT OF MEASURE: GL 5GL BT

8/06/91

IV. ENDORSEMENTS

REQUESTORS NAME: Matthew Brown

RANK: GS11

EMAIL: Matthew.w.brown@navy.mil

DATE PREPARED: 3/12/2014

COMMANDER OR DESIGNEE NAME: Matthew Brown (ISEA)

RANK: GS11

EMAIL: Matthew.w.brown@navy.mil

DATE: 3/12/2014

SIGNATURE:

CO's signature denotes acceptance of all liabilities associated with

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Thursday, March 13, 2014 14:22
To: Eisenbarger, John CIV NSWCCD Philadelphia, 9450
Cc: Brown, Matthew W CIV EXWC, EX401; Sanders, Jason E CIV EXWC, EX401; Kirkbride, William E CIV EXWC, EX401; Wadman, Christopher J CIV NSLC, NSLC SDNS; Thompson, Curtis L CIV NAVSEA, 05315; Blinick, William B CIV NSLC, NSLC Portsmouth Va.; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; He, Marianne C CIV NSWCCD Philadelphia, 6350; Quaid, Joseph P CIV NSWCCD Philadelphia, 9450; Rowe, Arthur T CIV MSFSC, N41; Armacost, Andrew H CIV MSC, N46
Subject: NSN ASSIGNMENT (REQUEST): SHORE BASED ACTIVITY; SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR's) #4996-4998
Signed By: mike.celona@navy.mil *SFR# 4997*

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772
To: Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 9450

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT/S (SFR's)

Attn: John Eisenbarger

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4996) PAROIL M (LUBRICATING OIL, AIR COMPRESSOR), (Part# 1615 5947 00 - 1 GL (1 GALLON PLASTIC BOTTLE), NSN: None
(d) (SFR #4997) PAROIL M (LUBRICATING OIL, AIR COMPRESSOR), (Part# 1615 5948 00 - 5 GL (5 GALLON PLASTIC BOTTLE), NSN: None *015802967*
(e) (SFR #4998) PAROIL M (LUBRICATING OIL, AIR COMPRESSOR), (Part# 1615 5949 00 - 55 GL (55 GALLON DRUM), NSN: None
(f) POC for the Naval Facilities Engineering and Expeditionary Warfare Center, Port Hueneme, CA: Matthew Brown, Logistics Management Specialist, Code EX431, Tel: (805-982-3085

Material Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Material Name : PAROIL M
Uses : Compressor oil.
Product Code : 0017 5800 50
Manufacturer/Supplier : Atlas Copco Airpower nv
Boomssesteenweg 957
B-2610 Wilrijk
Telephone : Please contact the nearest Atlas Copco Sales Company or the
Atlas Copco Airpower office in Belgium: +32 3 870 2111 (8am-5pm CET)
Email Contact for MSDS : info.lubricants.cts@group.atlascopco.com
Emergency Telephone Number : Only for medical related issues, please contact Medical service of
Atlas Copco Airpower in Belgium: +32 3 870 2105 (8am-5pm CET)

2. HAZARDS IDENTIFICATION

EC Classification : Not classified as dangerous under EC criteria.
Health Hazards : Not expected to be a health hazard when used under normal conditions.
Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis. Used oil may contain harmful impurities.
Signs and Symptoms : Oil acne/folliculitis signs and symptoms may include Formation of black pustules and spots on the skin of exposed areas. Ingestion may result in nausea, vomiting and/or diarrhoea.
Safety Hazards : Not classified as flammable but will burn.
Environmental Hazards : Not classified as dangerous for the environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Preparation description : Highly refined mineral oils and additives.
Additional Information : The highly refined mineral oil contains <3% (w/w) DMSO-extract, according to IP346.

4. FIRST AID MEASURES

General Information : Not expected to be a health hazard when used under normal conditions.
Inhalation : No treatment necessary under normal conditions of use. If symptoms persist, obtain medical advice.
Skin Contact : Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention.
Eye Contact : Flush eye with copious quantities of water. If persistent irritation occurs, obtain medical attention.
Ingestion : In general no treatment is necessary unless large quantities are swallowed, however, get medical advice.
Advice to Physician : Treat symptomatically.

Material Safety Data Sheet

5. FIRE FIGHTING MEASURES

Clear fire area of all non-emergency personnel.

- Specific Hazards** : Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds.
- Suitable Extinguishing Media** : Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
- Unsuitable Extinguishing Media** : Do not use water in a jet.
- Protective Equipment For Firefighters** : Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.
-

6. ACCIDENTAL RELEASE MEASURES

Avoid contact with spilled or released material. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe all relevant local and international regulations.

- Protective measures** : Avoid contact with skin and eyes. Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers.
- Clean Up Methods** : Slippery when spilt. Avoid accidents, clean up immediately. Prevent from spreading by making a barrier with sand, earth or other containment material. Reclaim liquid directly or in an absorbent. Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly.
- Additional Advice** : Local authorities should be advised if significant spillages cannot be contained. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. For guidance on disposal of spilled material see Chapter 13 of this Material Safety Data Sheet.
-

7. HANDLING AND STORAGE

- General Precautions** : Use local exhaust ventilation if there is risk of inhalation of vapours, mists or aerosols. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.
- Handling** : Avoid prolonged or repeated contact with skin. Avoid Inhaling vapour and/or mists. When handling product in drums, safety footwear should be worn and proper handling equipment should be used.
- Storage** : Keep container tightly closed and in a cool, well-ventilated place. Use properly labelled and closeable containers. Storage Temperature: 0 50°C / 32 - 122°F
- Recommended Materials** : For containers or container linings, use mild steel or high density polyethylene.
- Unsuitable Materials** : PVC.
- Additional Information** : Polyethylene containers should not be exposed to high temperatures because of possible risk of distortion.

Material Safety Data Sheet

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

If the American Conference of Governmental Industrial Hygienists (ACGIH) value is provided on this document, it is provided for information only.

Occupational Exposure Limits

Material	Source	Type	ppm	mg/m3	Notation
Oil mist, mineral	OEL (BE)	TWA [Mist.]		5 mg/m3	
	OEL (BE)	STEL [Mist.]		10 mg/m3	
	ACGIH	TWA(Inhalable fraction.)		5 mg/m3	

- Exposure Controls** : The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances.
- Personal Protective Equipment** : Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.
- Respiratory Protection** : No respiratory protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for combined particulate/organic gases and vapours [boiling point >65 °C (149 °F)] meeting EN141.
- Hand Protection** : Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374, US: F739) made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturizer is recommended.
- Eye Protection** : Wear safety glasses or full face shield if splashes are likely to occur. Approved to EU Standard EN166.
- Protective Clothing** : Skin protection not ordinarily required beyond standard issue work clothes.
- Monitoring Methods** : Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls. For some substances biological monitoring may also be appropriate.
- Environmental Exposure Controls** : Minimise release to the environment. An environmental assessment must be made to ensure compliance with local environmental legislation.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Clear light brown. Liquid at room temperature.
- Odour** : Slight hydrocarbon.

Material Safety Data Sheet

pH	: Not applicable.
Initial Boiling Point and Boiling Range	: > 280 °C / 536 °F estimated value(s)
Pour point	: Typical -24 °C / -11 °F
Flash point	: Typical 210 °C / 410 °F (PMCC / ASTM D3278)
Upper /lower Flammability or Explosion limits	: Typical 1 - 10 %(V) (based on mineral oil)
Auto-ignition temperature	: > 320 °C / 608 °F
Vapour pressure	: < 0,5 Pa at 20 °C / 68 °F (estimated value(s))
Density	: Typical 875 kg/m3 at 15 °C / 59 °F
Water solubility	: Negligible.
Solubility in other solvents	: Data not available
n-octanol/water partition coefficient (log Pow)	: > 6 (based on information on similar products)
Dynamic viscosity	: Data not available
Kinematic viscosity	: Typical 46 mm2/s at 40 °C / 104 °F
Vapour density (air=1)	: > 1 (estimated value(s))
Other Information	: not a VOC
Volatile organic carbon content	: 0%
Evaporation rate (nBuAc=1)	: Data not available
Decomposition Temperature	: Data not available

10. STABILITY AND REACTIVITY

Stability	: Stable.
Conditions to Avoid	: Extremes of temperature and direct sunlight.
Materials to Avoid	: Strong oxidising agents.
Hazardous	: Hazardous decomposition products are not expected to
Decomposition Products	: Form during normal storage.

11. TOXICOLOGICAL INFORMATION

Basis for Assessment	: Information given is based on data on the components and the toxicology of similar products.
Acute Oral Toxicity	: Expected to be of low toxicity: LD50 > 5000 mg/kg
Acute Dermal Toxicity	: Expected to be of low toxicity: LD50 > 5000 mg/kg
Acute Inhalation Toxicity	: Not considered to be an inhalation hazard under normal conditions of use.
Skin Irritation	: Expected to be slightly irritating.
Eye Irritation	: Expected to be slightly irritating.
Respiratory Irritation	: Inhalation of vapours or mists may cause irritation.
Sensitisation	: Not expected to be a skin sensitiser.
Repeated Dose Toxicity	: Not expected to be a hazard.
Mutagenicity	: Not considered a mutagenic hazard.
Carcinogenicity	: Product contains mineral oils of types shown to be non carcinogenic in animal skin-painting studies. Highly refined mineral oils are not classified as carcinogenic by the International Agency for Research on Cancer (IARC). Other components are not known to be associated with carcinogenic effects.
Reproductive and Developmental Toxicity	: Not expected to be a hazard.
Additional Information	: Used oils may contain harmful impurities that have accumulated during use.

Material Safety Data Sheet

the concentration of such impurities will depend on use and they may present risks to health and the environment on disposal. ALL used oil should be handled with caution and skin contact avoided as far as possible. Continuous contact with used engine oils has caused skin cancer in animal tests.

12. ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

- Acute Toxicity** : Poorly soluble mixture. May cause physical fouling of aquatic organisms. expected to be practically non toxic: LL/EL/IL50 > 100 mg/l (to aquatic organisms) (LL/EL50 expressed as the nominal amount of product required to prepare aqueous test (extract). Mineral oil is not expected to cause any chronic effects to aquatic organisms at concentrations less than 1 mg/l.
- Mobility** : Liquid under most environmental conditions. Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile.
- Persistence/ degradability** : Expected to be not readily biodegradable. Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment.
- Bioaccumulation** : Contains components with the potential to bioaccumulate.
- Other Adverse Effects** : Product is a mixture of non-volatile components, which are not expected to be released to air in any significant quantities. Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

13. DISPOSAL CONSIDERATIONS

- Material Disposal** : Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses.
- Container Disposal** : Dispose in accordance with prevailing regulations, preferably to a recognised collector or contractor. The competence of the collector or contractor should be established beforehand.
- Local Legislation** : Disposal should be in accordance with applicable regional, national, and local laws and regulations. EU Waste Disposal Code (EWC): 13 02 06 mineral-based non chlorinated engine, gear and lubricating oils. Classification of waste is always the responsibility of the end user.

14. TRANSPORT INFORMATION

ADR

This material is not classified as dangerous under ADR regulations.

RID

This material is not classified as dangerous under RID regulations.

ADNR

This material is not classified as dangerous under ADNR regulations.

IMDG

This material is not classified as dangerous under IMDG regulations.

Material Safety Data Sheet

IATA (Country variations may apply)

This material is not classified as dangerous under IATA regulations or needs to follow country specific requirements.

15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

EC Classification	:	Not classified as dangerous under EC criteria.
EC Symbols	:	No Hazard Symbol required
EC Risk Phrases	:	Not classified.
EC Safety Phrases	:	Not classified.
Chemical Inventory Status		
EINECS	:	All components listed or polymer exempt.
TSCA	:	All components listed.

16. OTHER INFORMATION

R-phrase(s)	:	Not Classified.
MSDS Version Number	:	1.3
MSDS Effective Date	:	01.04.2012
MSDS Revisions	:	A vertical bar () in the left margin indicates an amendment from the previous version.
MSDS Regulation	:	Regulation 1907/2006/EC
MSDS Distribution	:	The information in this document should be made available to all who may handle the product.
Disclaimer	:	This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



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BINCS Company Details

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BINCS Information

DUNS Number:

JCP Cert. Number:

CAGE Code: B0552

CAGE Information

Company Name: ATLAS COPCO AIRPOWER NV

Status: Active Record

Parent CAGE:

Address: BOOMSESTEENWEG957 ZS-FM-PB 104

P.O. Box:

City: WILRIJK

Postal Zone: 2610

CAO-ADP:

State/Province:

Country: BEL

Voice Phone Number: 32 3 870 21 11

Fax Phone Number: 32 3 870 28 85

Date CAGE Code Established: 3/11/1975

Last Updated: 9/24/2011

Point of Contact:

Company Web Site:

PROD - v2.6.15244.4

DLA Customer Interaction Center (CIC) Toll Free: 1-877-352-2255 or DSN 661-7766 Email: dlacontactcenter@dla.mil
[Privacy/Security](#) | [Accessibility/Section 508](#) | [Contact Webmaster](#) | [Download Acrobat](#) | [Download MS Word Viewer](#)

Application - v1.0.0.0

Last Updated: 2013-09-23

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Thursday, April 24, 2014 11:13
To: USS WASP (r3w@saltsmail.salts.navy.mil) (r3w@saltsmail.salts.navy.mil); Renken, Renae J LT
Cc: 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Armacost, Andrew H CIV MSC, N46; He, Marianne C CIV NSWCCD Philadelphia, 6350
Subject: USS WASP: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4999 (FINAL ANSWER)

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772
To: Commander, USS Wasp (LHD-1)

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

Attn: Lt Renken

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4999) STAY-CLEAN I/E, PAINT ADDITIVE (Part# 78315), NSN: NONE
(d) POC for the USS Wasp (LHD-1): Lt Renken
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

2. Concerning ref (c) SFR# 4999 per ref (e):

Mike,

USS Wasp (LHD 1):

SFR #4999: The SFR requested material (NSN: none; Anti-mold additive) was requested to be used for the shower and heads of the berthing. Per NSWCCD Code 614, no anti-mold additives can be used in any coating. Therefore, this request cannot be authorized. The material should remain unlisted on the SHML.

Respectfully,
Marianne

Marianne C. He
Environmental Engineer
NAVSEA Warfare Center Code 635
Hazardous Materials Control and Management
215-897-7693
marianne.he@navy.mil

Therefore, ref (c) Anti-Mold Additive IS NOT APPROVED for use and will not be added to the SHML.

3. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.

Celona, Michael J CIV NAVSUP WSS, M077

From: He, Marianne C CIV NSWCCD Philadelphia, 6350
Sent: Wednesday, April 23, 2014 14:16
To: Celona, Michael J CIV NAVSUP WSS, M077
Cc: Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Shull, Karen E CIV NSWCCD Philadelphia, Code 635
Subject: SFR #4999
Signed By: MARIANNE.HE@NAVY.MIL

Mike,

USS Wasp (LHD 1):

SFR #4999: The SFR requested material (NSN: none, Anti-mold additive) was requested to be used for the shower and heads of the berthing. Per NSWCCD Code 614, no anti-mold additives can be used in any coating. Therefore, this request cannot be authorized. The material should remain unlisted on the SHML.

Respectfully,
Marianne

Marianne C. He
Environmental Engineer
NAVSEA Warfare Center Code 635
Hazardous Materials Control and Management
215-897-7693
marianne.he@navy.mil

ORIGINATOR: NAVICP-MECHANICSBURG, PA, CODE M0772.22, BUILDING 312S, TEL: 717-605-8319, DSN: 430-8319 FAX: 717-605-3480, DSN: 430-3480			
REC'D AT NAVICP: 3/17/2014 FPO#: AE09556 - 1660 UIC#: 21560 TYCOM: SURFLANT			
TO CODE:	RELEASE DATE:	INITIALS	SUBJECT: SHIP HAZARDOUS MATERIAL LIST (SHML FEEDBACK REPORT (SFR)) SFR # 4999 ATTACHED FROM (SHIP): USS WASP (LHD-1) PRODUCT NAME: STAY-CLEAN I/E (PAINT ADDITIVE) DATE ON SFR: 3/12/2014
NAVICP-M	3/17/2014	MC	NSN/NIIN: --- CAGE: 6TJG3
NSWCCD			PART NUMBER/DRAWING/SPECIFICATION: 78315
ISEA			SHML STATUS: (NIS=Not in SHML; A=Authorized; P= Prohibited; R=Restricted; O=Obsolete; N=Not Determined) NIS
			MSDS NUMBER: (NIH=Not In HMIRS) NIH
			MIP: NONE
			MRC: NONE
LCM/ISEA			MIP/MRC: NONE
			APL: NONE
			AEL: NONE
NAVICP-M			APL/AEL: NONE
			TECHNICAL MANUAL: NONE
			AIRCRAFT APPLICATIONS: NO
RELATED SFR's: NONE			NOTES: 5/T6/H 24-9 GRAM POUCHES PER CASE. \$4.50 PER POUCH. \$108.00 PER CASE. NO TECHNICAL DATA LISTED IN SECTION II OF SFR.

RECEIVED
MAR 17 2014
 BY: SFR 4999

**SHIP'S HAZARDOUS MATERIALS LIST (SHML)
 FEEDBACK REPORT (SFR)**

NIT
NIS
NID
NIA

This form needs to be completed if the Hazardous Material
 that you want to purchase is not authorized on your T-SHML

SHIP NAME: USS WASP

HULL NUMBER: LHD1

TYCOM: COMNAVSURFFOR

UIC: 21560

Serial Number:

AIRCRAFT RELATED: ☐ Yes ☒ No

I. JUSTIFICATION (To include equipment/application this material is to be used on):
 ANTI-MOLD ADDITIVE IS NEEDED FOR THE BERTHING REHABILITATION TEAM. THE SHOWER AND HEADS
 OF BERTHING HAVE POOR VENTILATION CAUSING MILDEW AND MOLD TO GROW.

CURRENTLY USED NSN OR PRODUCT TO BE REPLACED (if applicable):

II. TECHNICAL DATA

MAINTENANCE INDEX PAGE (MIP) #:

MAINTENANCE REQUIREMENT CARD (MRC #):

APL OR AEL:

TECH MANUAL:

REV.

ESTIMATED YEARLY REQUIREMENT:

III. MANUFACTURER DATA (If requested NSN is provided proceed to section IV)

NSN: - - -

Page 6 TJG3

MANUFACTURER: WALLA WALLA ENVIRONMENTAL

PHONE: 509 - 522 - 0490

ITEM OR TRADE NAME: STAY-CLEAN I/E (PAINT ADDITIVE)

5/16/14

PART NUMBER OR SPECIFICATION: 78315

UNIT OF ISSUE: *PZ (PACKET)* UNIT OF MEASURE: *24 - 9 GR. POUCHES \$4.50 EA OR*
\$108.00 PER CASE

IV. ENDORSEMENTS

REQUESTORS NAME: RENAE RENKEN

RANK: LT

EMAIL: renkenr@lhd1.navy.mil

DATE PREPARED: 3/12/2014

COMMANDER OR DESIGNEE NAME: BRAIN TEETS

RANK: CAPT

EMAIL: teetsb@lhd1.navy.mil

DATE: 3/12/14

SIGNATURE: 

CO's signature denotes acceptance of all liabilities associated with
 the procurement and use of this non-SHML hazardous material

Electronic submission of SHML Feedback Report/s constitutes CO's approval

Mail to:

Commanding Officer, Naval Inventory Control Point
 P.O. Box 2020, Code M0772.22
 5450 Carlisle Pike, Mechanicsburg PA 17055-0788
 Fax: DSN 430-2480 or COM 717-605-3480
 Email: wraps.prime.fct@navy.mil

Celona, Michael J CIV NAVSUP WSS, M077

From: Cassie Rothstrom <cassie@wwenvironmental.com>
Sent: Friday, March 14, 2014 11:05
To: Celona, Michael J CIV NAVSUP WSS, M077
Cc: 'Susan Brown'
Subject: Stay-Clean IE Mildewcide Paint Additive - Special Military Pricing
Attachments: Stay-Clean MATERIAL SAFETY DATA SHEET.pdf; Stay-Clean IE - Version 1.pdf

Importance: High

Hi Mike,

It was good to make your acquaintance today over the phone. As requested, below is pricing for three different packaging sizes of Stay-Clean IE, along with a product number and pricing. Please let me know how I can be of further assistance. When you place your order be sure to refer to this Special Military Pricing and use my name below!

Prod. No.

Description

Unit Size

Units/Case

Unit Price

Case Price

78315

Stay-Clean I/E Mildewcide Paint Additive

9 gr. pouch

24

Thank you for all you do to keep our Country safe!

\$ 4.50

\$ 108.00

Cass

Cassie J. Rothstrom | President & CEO | Walla Walla Environmental, Inc.

(Treats 1 gallon)

I: 4 W. Rees Ave | Walla Walla, WA 99362

Celona, Michael J CIV NAVSUP WSS, M077

From: Renken, Renae J LT <renkenr@lhd1.navy.mil>
Sent: Thursday, March 13, 2014 19:16
To: Celona, Michael J CIV NAVSUP WSS, M077
Subject: Walla Walla Environmental's Stay-Clean Mildewcide Additive Labels
Attachments: OHOberthing.pdf; Lancaster-MSDS-Stay-Clean002.pdf; Stay Clean Label.pdf

Good Morning Mr. Celona,

I need to get the above attached approved for ship board use, this is an additive that we will be adding to paint used in our berthing spaces where there is a high concentration of moisture. Thank you and have a great day.

V/R
LT Renken

R. Renken
LT, SC, USN
Hazmat Officer
USS Wasp LHD1
FPO AE 09556-1660
(757) 443-7523
EXT. 7536/7629/7441



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BINCS Information

DUNS Number: 055661987

JCP Cert. Number:

CAGE Code: 6TJG3

CAGE Information

Company Name: WALLA WALLA ENVIRONMENTAL, INC.
DIV WALLA WALLA ENVIRONMENTAL

Status: Active Record

Parent CAGE:

Address: 4 E REES AVE

P.O. Box:

City: WALLA WALLA

Zip: 99362

CAO-ADP: S4801A-HQ0339

State: WA

County:

Voice Phone Number: 5095220496

Fax Phone Number: 5095220351

Date CAGE Code Established: 12/6/2012

Last Updated:

Point of Contact: CASSIE ROTHSTROM

Company Web Site: WWW.WWENVIRONMETAL.COM

PROD - v2.6.15244.4

DLA Customer Interaction Center (CIC) Toll Free: 1-877-352-2255 or DSN 661-7766 Email: dlacontactcenter@dla.mil
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Application - v1.0.0.0

Last Updated: 2013-09-23

Stay-Clean^{ie}

Mildewcide Paint Additive

What is Stay-Clean I/E? Stay-Clean I/E is a mildewcide paint additive designed to inhibit mold & mildew growth on interior and exterior surfaces.

Where can Stay-Clean I/E be applied? Stay-Clean I/E can be applied on most interior and exterior surfaces, including bathrooms, kitchens, decks and pantries.

Does Stay-Clean I/E Kill Mildew? No, it does not kill mildew. It is a mildewcide additive that inhibits the growth of mold and mildew on surfaces. One of the only things that kills mildew is bleach. Stay-Clean I/E helps keep the mildew away after the mold and/or mildew has been removed.

Will it affect the appearance of the finish? Stay-Clean I/E will **NOT** affect the color or drying time of the coating. It can even be added to a clear coating.

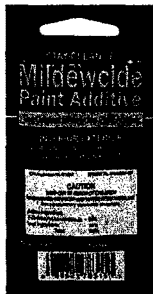
What surface preparation is involved? It is recommended that you remove all existing mold & mildew before painting, and be sure that the area to be painted is clean and dry.

What type of coating can Stay-Clean I/E be mixed with?

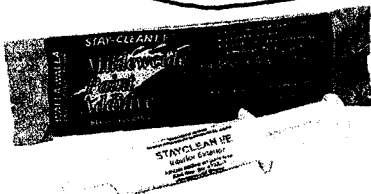
Stay-Clean I/E can be added to any oil or latex based paint, stain, or sealant. It can even be mixed with wallpaper adhesive.

Does Stay-Clean I/E have an odor or harmful fumes? No.

How long does the Stay-Clean I/E last? It will last 3—5 years depending on conditions.



Treats One Gallon
Prod. No. 78315
24 pouches/Case—Min 2 Cs.



Treats Five Gallons
Prod. No. 78296
12 Syringes/Case—Min 2 Cs.

32 oz. Pump
(Not Shown)

Fits nicely in tint dispenser

Treats Up To 100 Gallons
Prod. No. 78301

wwenvironmental.com

Phone: 509-522-0490 Fax: 509-522-0351

4 West Reese Ave., Walla Walla, WA 99362



WALLA WALLA ENVIRONMENTAL

METASOL® TK-100 DISPERSION W

TO INHIBIT THE GROWTH OF MOLD AND MILDEW ON ADHESIVE FILMS, PAINT FILMS, GROUT, PAPER PRODUCTS, AND NATURAL AND SYNTHETIC FIBERS AND COATINGS (INCLUDING HEATING AND AIR CONDITIONING SYSTEMS)

ACTIVE INGREDIENT: 2-(4-Thiazolyl)Benzimidazole ----- 50.0%
INERT INGREDIENTS ----- 50.0%
TOTAL ----- 100%

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if absorbed through skin. Harmful if inhaled. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist. Wear long-sleeved shirt and pants, shoes, socks, and chemical resistant gloves and protective clothing when handling. User should wash hands before, eating, drinking, chewing gum, tobacco, or using the toilet.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance.

CONTAINER HANDLING: Metal containers or Plastic Containers. Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or reconditioning if appropriate. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or other procedures approved by state and local authorities. Plastic Containers: May be incinerated or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Adhesive Films: The following concentrations must be used to provide mildew control on water-based adhesive films. The concentrations are based on the total adhesive formulation weight. Metasol TK-100 Dispersion W can be incorporated with the make-up water or as a post-additive in adhesive production. Metasol TK-100 Dispersion W or other LANXESS preservatives should be incorporated into the aqueous adhesives formulation to inhibit in-can bacterial degradation during shelf storage.

Metasol TK-100 Dispersion W should not be used where the treated adhesive comes in contact with food packaging materials or on food contact surfaces. Testing should be conducted to assure compatibility with product formulation.

Adhesive Type	% Concentration Metasol TK-100 Dispersion W
Polyvinyl Acetate, Polyvinyl Alcohol, or Hydroxyethyl Cellulose	0.2 - 0.3
Styrene-Butadiene, Methyl Cellulose, Acrylic, Dextrin, Epoxy, or Polyester	0.1 - 0.2
Casein	0.3

IN CASE OF EMERGENCY, CALL: CHEMTREC 800-424-9300
EPA REGISTRATION NUMBER: 39967-30
EPA ESTABLISHMENT NUMBER: 39967-SC-002

LANXESS

LANXESS Corporation

111 RIDC Park West Drive • Pittsburgh, PA 15275-1112

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or when going for treatment.

* Metasol is a registered trademark of LANXESS Corporation

Active ingredient manufactured in India

INTERNATIONAL 703-527-3887
Net Contents: 25 Pounds
Lot No.:

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Grouts: Metasol TK-100 Dispersion W should be added at concentration ranging from 0.10 to 1.6% for superior preservation of a grout system. (Not to be used in the State of California to preserve Grouts)

Paint Films - Exteriors: Incorporate into the pigment grind phase of the paint-making operation. The following concentrations are recommended for mold-resistant exterior coatings. Metasol TK-100 Dispersion W or other LANXESS preservatives should be incorporated into latex paint and coating formulations to inhibit any bacterial degradation during shelf storage.

Paint/Coating System	Lb/100 Gal
PVA, Acrylic, Vinyl Acrylic, Zinc Oxide Pigmented Alkyl & Oil Paints	1.0 - 2.0
Alkyd Modified Latex	0.2 - 3.0
Zinc Oxide Pigmented Latex	0.5-1.5
Oil House Paint	2.0 - 3.0
Alkyd	2.0 - 4.0

Paint Films - Interiors: Incorporate with the TiO₂ in the pigment grind for all paint systems. Metasol TK-100 Dispersion W should not be used in coatings that come into direct contact with food. The following concentrations are recommended for mold-resistant interior coatings.

Interior Paint Systems (including heating & air conditioning systems)	Lb/100 Gal
TT-P-0029 Latex Flat	0.2 - 0.5
TT-P-650 Latex Primer	0.1 - 1.0
New York City Housing Authority Coatings	0.5 - 1.5
Sanitary Latex Semi-Gloss	0.5 - 2.0
Oleoresinous Interiors	1.0 - 2.0

Paper Products: Metasol TK-100 Dispersion W is most efficiently applied via the size tub or water trough. The tub-size or water trough solutions should be adjusted to a pH below 4.0. The Metasol TK-100 Dispersion W should then be added with thorough agitation. It has been shown that the resulting pH has no adverse effects on the properties of the starch, equipment, or physical properties of the final product. The Metasol TK-100 Dispersion W should be applied at dosage levels from 200 to 1000 ppm active ingredient based on the finished paper weight.

For use in a coating color, the Metasol TK-100 Dispersion W should be added with agitation to the make-up water, although subsequent raising of the pH with the binder or alkali will precipitate the 2-(4-thiazolyl) benzimidazole. This precipitate will be evenly distributed throughout the coating color. The use of Metasol TK-100 Dispersion W in coating colors is recommended in addition to treatment of the base stock. Metasol TK-100 Dispersion W is a fungicide only. Metasol TK-100 Dispersion W or other LANXESS preservatives should be incorporated into sizing solutions to inhibit any bacterial degradation during shelf storage. **NOTE:** METASOL TK-100 must be used only for the manufacture of non-food grade paper products. METASOL TK-100 has not been cleared for use in paper or paperboard products intended for use in contact with food. **Canvas Textiles:** Metasol TK-100 Dispersion W is an effective product that has been used successfully in providing mold and mildew resistance to canvas textiles. The simplest treatment method is to prepare a trough with water at pH 3 - 4 and then add the Metasol TK-100 Dispersion W to obtain the desired concentration. The fabric is passed through the solution until the proper amount of solution is absorbed on the fabric. A wetting agent may be used to aid the solution in penetrating the fabric. The Metasol TK-100 Dispersion W should be applied at dosage levels from 500 to 3000 ppm active ingredient based on finished fabric. The amount necessary to provide the desired protection against mold and mildew can then be determined. If deposition of Metasol TK-100 Dispersion W onto the canvas is desired, a subsequent wash with 1% soda ash solution will suffice. This can be followed by normal processing steps of the canvas textile. Metasol TK-100 Dispersion W should be used for manufacture of canvas textiles only, such as tents and awnings.

Nylon Carpeting: Using spin finish application, add 0.10 - 0.4 % Metasol TK-100 Dispersion W based on total weight of the material being used.

LABEL TEXT DATE: 12/9/2009

56169036

STAY-CLEAN I/E

Mildewcide

Additive

**FOR INTERIOR AND
EXTERIOR USE.
FOR LATEX PAINT
(WATER BASE), OIL BASE
PAINTS, STAINS, WALLPAPER
PASTE AND CAULK.**

TYPICAL PROPERTIES

Active Ingredient: 50% 2-4-thiazolyl)
benzimidazole

Inert Ingredients: 50%

Appearance: flowable, viscous liquid

**CAUTION! KEEP OUT OF THE REACH
OF CHILDREN**

ADVANTAGES:

Effective – STAY-CLEAN I/E is active against a broad spectrum of fungi which can attack paint films and adhesives causing deterioration and unsightly growth.

Non-metallic – STAY-CLEAN I/E contains no metals such as mercury, arsenic, or tin.

Toxicology – the acute oral toxicity (LD50) of the active ingredient in STAY-CLEAN I/E is reported to be 3,300 mg/kg for mice, 3,100 mg/kg for rats, and greater than 3,800 mg/kg for rabbits.

USE LEVELS IN PAINT AND ADESIVES:

STAY-CLEAN I/E effectively controls mildew on interior and exterior paint films and adhesives. Superior performance has been established in interior coatings for masonry surfaces and food establishments. The most effective use does is 9 grams (.31 oz) per 1 gallon.

PRECAUTIONARY STATEMENTS:

Hazards to Humans and Domestic Animals:

CAUTION

Harmful If Swallowed

Avoid contact with eyes, skin, and clothing.

Wear rubber gloves and protective clothing when handling.

Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT:

IF IN EYES: In case of eye contact, flush and plenty of water for at least 15 minutes. Get medical attention if irritation persists.

IF ON SKIN: In case of skin contact, wash thoroughly with plenty of soap and water. Get medical attention if irritation persists.

INTERNAL: If swallowed, call a physician or Poison Control Center.

MIXING DIRECTIONS: Add 9 grams of STAY-CLEAN I/E to 1 gallon of Latex Paint (water base), Oil Base Paint, Stain, Wallpaper Past, or Caulk. Then mix well to insure proper dilution.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY OR

FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions or abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of such use.

Do not open container Except For Immediate Use

EPA Establishment Number: 47332-WA-01

EPA Registration Number: 47332-7

U. S. PATENTS: 3.017, 415 and 3.370.957

Walla Walla Environmental

4 West Rees

P. O. Box 1298

Walla Walla, WA 99362

Phone: 509-522-0490

Fax: 509-522-0351



WALLA WALLA ENVIRONMENTAL

Stay-Clean I/E
Material Safety Data Sheet

WALLA WALLA ENVIRONMENTAL, INC.
P.O. Box 1298
Walla Walla, WA 99362
Emergency Telephone: 509-522-0490

MSDS DATE: 1/2/2013

1. PRODUCT IDENTIFICATION

PRODUCT NAME: STAY-CLEAN I/E
CHEMICAL DESCRIPTION: Multi-component liquid
PRODUCT CLASS: Biocide

2. HAZARDOUS INGREDIENTS AND EXPOSURE

Chemical Name	Number	CAS Weight	% by OSHA PEL	ACGIH	TLV
2-(4-thiazolyl) benzimidazole		148-79-8	50	NE	NE NE
Ethylene glycol		107-21-1	35	Ceiling 50 ppm 125 mg/m3	Ceiling 50 ppm 125 mg/m3

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING! May cause eye irritation.

PRIMARY ROUTES OF ENTRY: Eye and skin contact, ingestion, inhalation.

TARGET ORGANS: Eye, kidney, central nervous system

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Unknown

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: This product may produce irritation upon contact with the eye.

SKIN CONTACT: This product may produce minor irritation upon skin contact. This product is not expected to be absorbed through the skin in harmful amounts or to cause skin sensitization. Repeated skin contact with ethylene glycol may, in a very small proportion of cases, cause sensitization with the development of allergic contact dermatitis.

INGESTION: This product would be expected to be moderately toxic by ingestion. Ingestion of large volumes of ethylene glycol may result in central nervous system depression and kidney damage. Cardiac failure and pulmonary edema may develop. Early to moderate CNS depression may be evidenced by changes in urine output, urine appearance or edema (swelling from fluid retention).

INHALATION: This product is not expected to present an inhalation hazard unless mists or vapors are generated. Significant air concentrations are not achieved unless the product is heated or sprayed as a mist. Inhalation of product mist may cause irritation of the nose and throat with headache, tearing and coughing. High vapor concentrations of ethylene glycol caused, for example, by heating the product in an enclosed and poorly ventilated workplace, may produce irritation of upper respiratory tract, nausea, vomiting, headache, dizziness, and irregular eye movements.

SUBCHRONIC, CHRONIC: No applicable information was found concerning any potential health effects resulting from subchronic or chronic exposure to the product. Repeated inhalation of ethylene glycol mist may produce signs of central nervous system involvement, particularly dizziness and nystagmus (rhythmical oscillation of the eyeballs, either horizontal, rotary, or vertical.)

In one study, when ethylene glycol was administered in the diet at daily doses up to 1.0 g/kg to pregnant rats, no maternal toxicity, no embryotoxicity nor teratogenicity were observed. In a more recent study, when ethylene glycol was administered by gavage at daily doses of 1.25 g/kg and above to pregnant rats, or at 750 mg/kg and above to pregnant mice, there was an increase in the number of malformed fetuses at all dose levels. Except at the lowest dose level in mice, there was also evidence of maternal toxicity at all dose levels.

Observations suggest that ethylene glycol is to be regarded as an animal teratogen; there is currently no available information to suggest that ethylene glycol has caused birth defects in humans.

CARCINOGENICITY:

NTP: No ingredients listed in this section.

LARC: No ingredients listed in this section.

OSHA: No ingredients listed in this section.

4. FIRST AID MEASURES

EYE CONTACT: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek medical aid.

SKIN CONTACT: Not expected to require first aid measures.

INGESTION: Not an expected route of overexposure.

INHALATION: Not an expected route of overexposure.

5. FIRE-FIGHTING MEASURES

FLASH POINT: > 200F This product is not flammable or combustible

LOWER FLAMMABLE LIMITS: NA **UPPER FLAMMABLE LIMITS:** NA

AUTO-IGNITION TEMPERATURE: NA

EXTINGUISHING MEDIA: Use extinguishing media appropriate for the surrounding fire.

FIRE-FIGHTING INSTRUCTIONS: Exercise caution when fighting any chemical fire. A self-contained breathing apparatus and protective clothing are essential.

FIRE & EXPLOSION HAZARDS: Product emits toxic gases under fire conditions.

DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, oxides of nitrogen, oxides of sulfur

NFPA RATINGS: Health: 2 Flammability: 1 Reactivity: 0
Special Hazard: 0

6. **ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wearing appropriate personal protective equipment, contain spill, collect onto inert absorbent and place into suitable container.

7. **HANDLING AND STORAGE**

HANDLING: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Avoid contact with eyes. Avoid breathing vapor or mist. As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the product and ensure prompt removal from skin and clothing. Use with adequate ventilation. Wash thoroughly after handling. Keep container closed when not in use.

STORAGE: The product is stable during normal storage conditions. Do not contaminate water, food, or feed by storage.

8. **EXPOSURE CONTROLS / PERSONAL PROTECTION**

PERSONAL PROTECTIVE EQUIPMENT

EYE / FACE PROTECTION: Chemical splash goggles.

SKIN PROTECTION: Chemical resistant gloves recommended as a good industrial hygiene practice. (Neoprene and Viton gloves may be unsuitable for use with this product.)

RESPIRATORY PROTECTION: If airborne concentrations exceed published exposure limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements (29 CFR 1910.134).

ENGINEERING CONTROLS: Use local exhaust ventilation at elevated temperatures or if mists are generated.

WORK PRACTICES: An eye wash station should be accessible in the immediate area of use.

UNSATISFACTORY MATERIALS OF CONSTRUCTION: BUNA N, carbon steel, EPDM, Hypalon, neoprene, Silicone 65, Viton, and polypropylene.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point: $> 212^{\circ}\text{F}$

Vapor Pressure: 0.12 mmHg @ 25°C (for ethylene glycol)

Vapor Density (air=1): 2.14 (for ethylene glycol)

% Volatile By Weight: ~7%

Solubility in Water: Slight

Specific Gravity: 1.122-1.192 @ 25°C

pH: Not applicable

Freezing Point: Not available

Appearance and Odor: Light tan, smooth, flowable, viscous liquid.

10. **STABILITY AND REACTIVITY**

Chemical Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: No specific information

Incompatibility: Strong oxidizers

Decomposition Products: CO_x NO_x SO_x

11. **TOXICOLOGICAL INFORMATION**

ON PRODUCT:

Oral LD50 (rat): 8.6 ml/kg.

Eye irritation: A similar product was tested and produced no irritation in washed or unwashed rabbit eyes.

Skin irritation: The Primary Skin Irritation Index is 0/8.

ON INGREDIENTS:

Chemical Name	Oral (LD50)		Dermal LD50 Inhalation LC50	
	(rat)	(rabbit)	(rat)	
2-(4-thiazolyl)-benzimidazole (20% soln)	3.1 g/kg	> 20 g/kg	> 6 ml/liter/ 1 hr	
Ethylene glycol		4700 mg/kg	9530 mg/kg	

Human TCLO: 10,000 mg/m3

12. **ECOLOGICAL INFORMATION**

ON PRODUCT:

Environmental data:

Do not discharge effluent containing this product into lakes, streams, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. For guidance, contact your State Water Board or Regional Office of the EPA.

ON INGREDIENTS:

Chemical Name
2-(4-thiazolyl)-benzimidazole

Ethylene glycol

Aquatic Toxicity Data

96 hr LC50 (rainbow trout): 1.8 ppm

96 hr LC50 (bluegill sunfish): 22 ppm

96 hr LC50 (flathead minnow): > 1000 ppm

13. **DISPOSAL CONSIDERATIONS**

RCRA STATUS:

This product as sold would not be considered a RCRA Hazardous Waste.

DISPOSAL:

Dispose of in accordance with local, state, and federal regulations.

14. **TRANSPORT INFORMATION**

DOT CLASSIFICATION:

Hazard Class: Not restricted

Proper Shipping Name: Not applicable

ID Number: Not applicable

Label: None

Chemical

* No ingredients listed in this section.*

Product RQ: Not applicable

RO

SARA TITTLE III:

Section 302 Extremely Hazardous Substances:

Chemical Name CAS RO TPO

* No ingredients listed in this section.*

Section 311 and 312 Health and Physical Hazards

Immediate	Delayed Fire	Pressure	Reactivity	
Yes	Yes	No	No	No

Section 313 Toxic Chemicals:

<u>Chemical Name</u>	<u>CAS#</u>	<u>% by Weight</u>
Ethylene glycol	107-21-1	35
Thiabendazole	148-79-8	50

CALIFORNIA PROPOSITION 65

This product contains No ingredients Known to the State of California to

Cause cancer.

15.

REGULATORY INFORMATION

OSHA Hazard Communication Status: Hazardous

TSCA: Pesticides are exempted by TSCA (the Toxic Substances Control Act), under Section 3(2)(a)ii, from the provisions of the Act. FIFRA (the

Federal Insecticide, Fungicide and Rodenticide Act) does not allow the use of registered pesticides in any manner inconsistent with the label.

CERCLA reportable quantity of EPA hazardous substances in product:

16.

OTHER INFORMATION

HMIS RATINGS

Health: 2

Flammability: 1

Reactivity: 0

Person Protective Equipment: X (to be specified by user depending on use conditions)

* There are potential chronic health effects to consider.

NE: None Established

Celona, Michael J CIV NAVSUP WSS, M077

From: Renken, Renae J LT <renkenr@lhd1.navy.mil>
Sent: Monday, March 17, 2014 5:29
To: Celona, Michael J CIV NAVSUP WSS, M077
Subject: RE: Walla Walla Environmental's Stay-Clean Mildewcide Additive Labels

Mr. Celona

I would like to use the packet that treats one gallon.

V/R
LT Renken

R. Renken

LT, SC, USN

Hazmat Officer

USS Wasp LHD1

FPO AE 09556-1660

(757) 443-7523

EXT. 7536/7629/7441

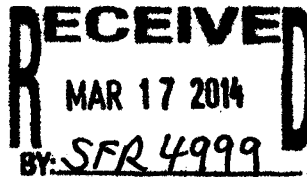
-----Original Message-----

From: Celona, Michael J CIV NAVSUP WSS, M077 [mailto:mike.celona@navy.mil]
Sent: Friday, March 14, 2014 10:58 AM
To: Renken, Renae J LT
Subject: RE: Walla Walla Environmental's Stay-Clean Mildewcide Additive Labels
Importance: High

What is the size of the tube? Is this a packet.

Please respond ASAP.
Thanks.
Mike

Michael J. Celona
Environmental Protection Specialist
NAVSUP Weapon Systems Support (NWSS),
5450 Carlisle Pike,
Code 0772.23
P.O. Box 2020
Mechanicsburg Pa. 17055-0788
Phone: (717) 605-8319
DSN: 430-8319



Fax: (717) 605-3480
DSN: Fax: 430-3480
mike.celona@navy.mil

"There is nothing, no circumstance, no trouble, no testing that can ever touch me until, first of all, it has come past God and past Christ, right through to me. If it has come that far it has come with a great purpose." Rev. Alan Redpath

-----Original Message-----

From: Renken, Renae J LT [mailto:renkenr@lhd1.navy.mil]
Sent: Thursday, March 13, 2014 7:16 PM
To: Celona, Michael J CIV NAVSUP WSS, M077
Subject: Walla Walla Environmental's Stay-Clean Mildewcide Additive Labels

Good Morning Mr. Celona,

I need to get the above attached approved for ship board use, this is an additive that we will be adding to paint used in our berthing spaces where there is a high concentration of moisture. Thank you and have a great day.

V/R
LT Renken

R. Renken
LT, SC, USN
Hazmat Officer
USS Wasp LHD1
FPO AE 09556-1660
(757) 443-7523
EXT. 7536/7629/7441

Celona, Michael J CIV NAVSUP WSS, M077

From: Celona, Michael J CIV NAVSUP WSS, M077
Sent: Monday, March 17, 2014 9:24
To: He, Marianne C CIV NSWCCD Philadelphia, 6350
Cc: USS WASP (r3w@saltsmail.salts.navy.mil) (r3w@saltsmail.salts.navy.mil); Renken, Renae J LT; 'COMNAVAIRPAC'; 'COMNAVAIRLANT (aor@saltsmail.salts.navy.mil)'; 'COMNAVSURFLANT'; 'COMNAVSURFPAC'; Celona, Michael J CIV NAVSUP WSS, M077; Iaconianni, Frank J CIV NSWCCD Philadelphia, 6350; Bottinelli, Jehdia CIV NAVSUP GLS; Houde, Jennifer S CIV NAVSUP WSS, M077; Hammerer, Mary Q CIV NAVAIR 6.7.1.4; Ichniowski, Matthew CIV nawcad, 6.0; Wilson, James N CIV NAVSUP FLC Norfolk, 401.2; Stoudt, Frank CIV NAVSUP WSS, M077; Armacost, Andrew H CIV MSC, N46
Subject: USS WASP: SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR) #4999

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M), Pa., Code M0772
To: Naval Surface Warfare Center, Carderock Division-Ships Systems Engineering Station (NSWCCD-SSES), Code 635

Copy to: Commander, Naval Surface Force, U.S. Atlantic Fleet (COMNAVSURFLANT), Code N411B
Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC), Code N931
Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), Code N412A
Commander, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRPAC), Code 80

Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIALS LIST (SHML) FEEDBACK REPORT (SFR)

Attn: Marianne He

Ref: (a) NAVSUP PUB P-485 SFR PROCESS
(b) NWSS-M Point Of Contact (POC): Mike Celona, Code M0772.23, Tel: (717) 605-8319 or DSN: 430-8319. Fax: 717-605-3480 or DSN: 430-3480
(c) (SFR #4999) STAY-CLEAN I/E, PAINT ADDITIVE (Part# 78315), NSN: NONE
(d) POC for the USS Wasp (LHD-1): Lt Renken
(e) NSWCCD-SSES POC, Marianne He Tel: (215) 897-7693, DSN: 430-7694

1. Per ref (a), ref (b) received ref (c) SFR from ref (d). Each SFR is reviewed and is assigned an SFR number by ref (b) and processed through the Hardware Systems Command (HSC) Technical Authorities (TA) ref (b) and (e). The following information provides the current status of your SFR.

Ref (b) has forwarded your SFR to ref (e) for further review and analysis. Upon ref (e) recommendation, NSWCCD TA will issue an authorization decision. At that time, ref (b) will advise all POC's of the final analysis (approval/disapproval) of ref (e) review. When the results of this analysis is complete, the SHML/T-SHML will be modified by ref (b) to reflect the appropriate information on its next update.

2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code M0772.23, DSN: 430-8319 or (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.



DEPARTMENT OF THE NAVY

NAVSUP WEAPON SYSTEMS SUPPORT

700 ROBBINS AVENUE
PHILADELPHIA PA 19111-5098

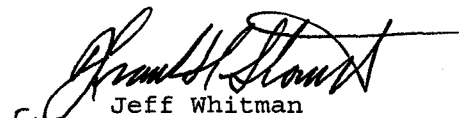
5450 CARLISLE PIKE - PO BOX 2020
MECHANICSBURG PA 17055-0788

COM & FTS 717-605-8319
DSN & EXT 430-8319
FAX # 717-605-3480
IN REPLY REFER TO:
4030
Ser 0772/041
17 March 2014

From: Commander, NAVSUP Weapon Systems Support, Mechanicsburg (NWSS-M),
Pa., Code M0772
To: Commanding Officer, Naval Surface Warfare Center, Carderock
Division-Ship Systems Engineering Station (NSWCCD-SSES),
Code 635
Subj: FORWARDING OF SHIPBOARD HAZARDOUS MATERIAL LIST (SHML) FEEDBACK
REPORT (SFR)

Encl: (1) SHML SFR (SFR# 4999)

1. Enclosure (1) contains a packet of one (1) SFR (SFR# 4999) for your review/recommendation.
2. Our point of contact in the Asset Protection-Pollution Prevention and PHS&T Division is Mr. Mike Celona, Code 0772.23, DSN 430-8319 for (717) 605-8319. Fax: DSN 430-3480 or (717) 605-3480.


for Jeff Whitman
By Direction